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United States  
Department of  
Agriculture

Marketing and  
Regulatory  
Programs

Agricultural  
Marketing  
Service

Dairy Programs

FMOS-429

# Federal Milk Order Market Statistics for November and December 1998

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Dairy Programs, Washington, DC, March 1999

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# SUMMARY OF PRODUCER DELIVERIES, PRODUCER DELIVERIES USED IN CLASS I, AND PRICES

Year	Number of markets 1/	Average number of producers	Producer deliveries		Average daily deliveries per producer	Producer deliveries used in Class I		Class I utilization percentage	Prices per hundredweight					
			Total	Percent change 2/		Total	Percent change 2/		Class I	Blend				
			<u>Bil. lbs.</u>		<u>Pounds</u>	<u>Bil. lbs.</u>		<u>Percent</u>	<u>-Dollars-</u>					
1994	38	92,052	107.8	3.7	3,209	44.8	0.1	42	14.75	13.16				
1995	33	87,882	108.5	0.7	3,384	45.0	0.2	41	14.19	12.78				
1996	32	82,959	104.5	-4.0	3,442	45.5	0.8	44	16.19	14.64				
1997	31	78,604	105.2	1.0	3,662	44.9	-1.0	43	14.36	13.10				
Year	Number of comp. mks. 3/	Number of producers	Producer deliveries		Average daily deliveries		Producer deliveries used in Class I		Class I utilization percentage	Prices per hundredweight				
			Total	Percent change 2/	Total	Per producer	Total	Percent change 2/		1998	1997	1998	1997	Blend
			<u>Bil. lbs.</u>		<u>Mil. lbs.</u>	<u>Pounds</u>	<u>Bil. lbs.</u>		<u>Percent</u>	<u>-----Dollars-----</u>				
1998	25	64,919	8.0	-2.2	257.7	3,970	3.1	-3.0	39	40	15.48	14.12	14.15	12.87
Jan.	25	64,339	7.7	21.6	274.8	4,270	2.8	-1.6	37	45	15.81	13.85	14.36	13.05
Feb.	25	64,521	8.6	5.8	277.4	4,299	3.1	1.0	36	37	15.77	14.46	14.05	13.31
Mar.	25	64,361	8.5	-0.6	282.9	4,396	2.9	-2.0	34	35	15.84	14.98	13.69	12.97
Apr.	25	64,018	8.9	0.2	286.2	4,471	2.9	-4.7	33	34	15.33	15.01	12.92	12.60
May	25	53,884	6.5	-23.1	216.1	4,010	2.8	4.3	44	32	14.53	13.96	13.82	12.13
June	25	56,780	5.9	-27.5	188.7	3,324	3.0	2.8	50	36	13.38	13.21	13.49	11.91
July	25	59,357	5.9	-10.5	189.7	3,197	3.0	-0.3	50	45	15.59	13.24	15.16	12.51
Aug.	25	61,426	7.3	22.2	242.1	3,941	3.1	-0.9	42	52	17.26	13.34	16.27	12.84
Sept.	25	59,884	6.5	-9.5	209.8	3,504	3.2	-1.0	49	45	17.48	14.56	16.81	13.67
Oct.	25	59,005	5.9*	-20.6	195.5	3,313	3.0	1.4	51	40	17.60	15.31	16.98	14.05
Nov.	25	59,258	6.3*	-17.5	204.6	3,453	3.1	0.7	49	40	18.53	15.35	17.52	14.15
Dec.	25													
Year to date 4/	---	60,979	85.8*	-6.0	235.2	3,856	35.9	-0.3	42	39	16.08	14.29	14.81	12.99

Due to disadvantageous price situations and/or qualification circumstances in some markets, handlers elected not to pool an estimated 2.3 billion and 400 million pounds in November 1998 and 1997, respectively, and an estimated 2.3 billion and 570 million pounds in December 1998 and 1997, respectively, that normally would have been pooled under these orders. The total estimated amounts of milk not pooled for this reason are: for 1998, 16.1 billion pounds; and for 1997, 8.4 billion pounds. <sup>1/</sup> End-of-year figure. Remaining annual statistics are for all markets in effect during any part of the year. <sup>2/</sup> Represents changes over the previous year. Percentages computed from unrounded numbers. Data for 1996 have been adjusted to a 365-day basis before computing percent changes. <sup>3/</sup> Figures are based on the same group of comparable markets--markets where the orders were in effect the entire period 1997-98, and for which the data were not affected significantly by marketing area changes; excludes Tennessee Valley, Carolina, Southeast, Louisville-Lexington-Evansville, Eastern South Dakota, Iowa, and Greater Kansas City. <sup>4/</sup> Average or total.



SUMMARY OF PACKAGED DISPOSITIONS OF FLUID MILK AND FLUID CREAM ITEMS 1/

Year and month	Number of markets	Whole milk items 2/			Fat-reduced milk items 3/			Milk and cream mixtures			Cream items 4/			Total fluid milk and fluid cream items 5/		
		Dispo- sition	Percent		Dispo- sition	Percent		Dispo- sition	Percent		Dispo- sition	Percent		Dispo- sition	Percent	
			Change 6/	Bf.		Change 6/	Bf.		Change 6/	Bf.		Change 6/	Bf.		Change 6/	Bf.
		<u>Mil. lbs.</u>			<u>Mil. lbs.</u>			<u>Mil. lbs.</u>			<u>Mil. lbs.</u>			<u>Mil. lbs.</u>		
1993	40	16,230	-2.8	3.26	28,367	1.0	1.40	683	2.6	10.6	844	3.3	21.3	47,284	4.0	2.54
1994	38	16,002	-1.4	3.27	28,890	1.8	1.38	674	-1.3	10.6	870	3.0	20.5	47,654	0.8	2.50
1995	33	15,598	-2.5	3.27	29,561	2.3	1.33	695	3.2	10.7	952	9.4	20.0	47,999	0.7	2.49
1996	32	15,695	0.3	3.26	30,119	1.6	1.29	739	6.0	10.8	983	3.0	20.9	48,649	1.2	2.49
1997	31	15,511	-0.9	3.26	30,051	0	1.29	746	1.2	10.9	1,028	4.9	21.3	48,632	0.1	2.50
1998 7/																
Jan.	30	1,118	-5.3	3.26	2,437	-2.1	1.27	39	1.8	11.0	58	1.0	21.2	3,731	-3.2	2.29
Feb.	30	999	-2.5	3.27	2,183	-1.1	1.26	37	0.6	11.2	54	4.5	22.2	3,352	-1.7	2.32
Mar.	30	1,086	-1.9	3.26	2,376	0.3	1.26	45	5.1	11.7	65	2.5	21.2	3,667	-0.3	2.35
Apr.	30	1,040	-3.7	3.26	2,249	-3.3	1.26	42	5.5	11.1	65	10.2	22.0	3,482	-3.1	2.38
May	30	1,051	-5.9	3.27	2,259	-4.7	1.25	42	-6.4	11.1	66	1.4	22.1	3,504	-4.5	2.39
June	30	1,063	2.2	3.27	2,108	2.1	1.27	43	6.9	11.6	70	10.1	21.5	3,375	2.3	2.46
July	30	1,113	2.4	3.26	2,173	1.3	1.28	42	1.8	11.1	68	5.1	22.1	3,486	1.5	2.45
Aug.	30	1,110	0.6	3.26	2,254	0.3	1.28	41	1.9	11.1	65	3.7	21.7	3,560	0.3	2.39
Sept.	30	1,091	0.3	3.26	2,340	-1.0	1.26	40	-4.6	11.1	63	3.4	21.6	3,624	-0.8	2.34
Oct.	30	1,145	1.7	3.26	2,458	0.7	1.27	42	-2.8	11.0	67	3.0	21.9	3,803	1.0	2.36
Nov.	30	1,071	1.6	3.26	2,276	0.5	1.27	45	0.1	11.2	75	1.7	22.1	3,582	1.2	2.48
Dec.	---	11,886	-1.0	3.26	25,113	-0.7	1.27	458	0.8	11.2	718	4.2	21.8	39,165	-0.7	2.38

1/ Total packaged disposition, in and out of the marketing area, by regulated handlers. Besides receipts from producers, these dispositions also may include receipts from other Federal order plants and/or receipts from other sources. Sour cream, yogurt, and eggnog are reported on a used-to-produce basis.

2/ Plain, flavored, and miscellaneous whole milk products.

3/ Plain, solids added, flavored, and miscellaneous fat-reduced milk products, and buttermilk.

4/ Light, heavy, and sour cream and cream dips.

5/ In addition to listed fluid milk and cream products, includes eggnog and yogurt.

6/ Represents changes over the previous year. Percentages are based on the data for all markets combined. Data for 1996 are adjusted to a 365-day basis before computing percent changes.

7/ Represents the data for all Federal milk order markets, except for New York-New Jersey. For percent changes based on comparable markets, see tables 15 and 16.

SUMMARY OF MILK, SKIM MILK, AND CREAM UTILIZED IN MANUFACTURED PRODUCTS 1/2/

Year and month	Num-ber of mths.	Butter			Cheese			Frozen desserts			Nonfat dry milk			Total 3/		
		Total	Percent		Total	Percent		Total	Percent		Total	Percent		Total	Percent	
			Change 4/	Bf.		Change 4/	Bf.		Change 4/	Bf.		Change 4/	Bf.		Change 4/	Bf.
		Mil. lbs.			Mil. lbs.			Mil. lbs.			Mil. lbs.			Mil. lbs.		
1993	40	1,313	-12.4	40.4	36,011	-7.6	3.82	5,028	2.8	9.2	6,131	-5.0	0.13	59,504	-6.1	4.48
1994	38	1,503	6.7	37.7	38,058	6.7	3.86	5,208	1.9	9.1	8,066	31.6	0.18	62,399	5.8	4.52
1995	33	1,611	4.8	36.8	38,795	2.6	3.89	5,143	-0.6	9.2	8,442	4.7	0.13	62,979	0.7	4.51
1996	32	1,497	-6.6	37.1	37,222	-2.7	3.95	5,050	-1.4	9.2	6,218	-26.6	0.10	58,046	-4.4	4.69
1997	31	1,407	-8.1	36.2	36,802	-1.3	3.93	5,446	4.9	8.9	6,166	-0.6	0.08	58,254	-1.1	4.61
1998 5/																
Jan.	30	143	-7.0	38.2	3,045	-3.2	4.00	350	-1.8	10.1	514	12.1	0.10	4,626	-3.1	4.95
Feb.	30	136	-0.8	36.4	3,101	82.4	3.90	369	1.0	9.5	558	-1.0	0.06	4,680	33.8	4.71
Mar.	30	132	9.7	39.0	3,455	13.9	3.92	458	7.0	9.2	638	12.1	0.06	5,251	10.7	4.67
Apr.	30	129	-5.0	38.4	3,495	-2.2	3.81	472	8.0	9.2	718	1.2	0.07	5,400	-0.6	4.48
May	30	105	-7.3	39.3	3,840	-0.2	3.70	490	-5.8	8.7	613	-18.5	0.09	5,632	-2.3	4.30
June	30	64	-25.8	37.0	1,630	-52.2	3.94	575	0.1	8.0	393	-35.4	0.11	3,215	-34.5	4.64
July	30	70	-9.6	34.2	989	-67.6	4.01	568	-3.5	7.9	278	-32.8	0.11	2,435	-41.8	5.03
Aug	30	75	0.9	35.3	992	-40.3	3.89	502	-4.1	8.1	210	-43.5	0.13	2,315	-18.4	5.22
Sept.	30	84	3.5	37.6	2,621	89.2	3.78	427	-6.0	8.3	198	-24.9	0.20	3,861	34.8	4.71
Oct.	30	101	14.2	38.6	1,707	-28.5	4.03	392	-9.2	8.7	205	-10.1	0.20	2,948	-14.2	5.36
Nov.	30	110	11.6	38.5	1,109	-57.6	4.39	320	-5.3	8.9	295	18.3	0.22	2,356	-31.6	5.75
Dec.																
Year to date	---	1,150	-1.4	37.7	25,982	-13.8	3.90	4,922	-1.6	8.7	4,619	-13.1	0.10	42,718	-7.8	4.79

1/ Includes producer milk and other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Other source milk at regulated plants includes bulk transfers and diversions from other Federal orders, and receipts from unregulated sources. Some of the data are preliminary and partially estimated.

2/ Due to disadvantageous price situations and/or qualification circumstances in some markets in 1993-1997 and 1998, handlers elected not to pool significant volumes of milk that normally would have been pooled under Federal milk orders. Because this milk would have been classified as Class III and Class III-A under the orders, utilization in butter, cheese, and nonfat dry milk production for these years was affected.

3/ In addition to listed manufactured products, includes milk, skim milk, and cream used in other manufactured dairy products: e.g. cottage cheese, evaporated milk, condensed milk, dried products, and aerated cream; and milk, skim milk, and cream used in other food and non-food products. The total also includes dumped or spilled milk and plant loss.

4/ Represents changes over the previous year. Percentages are based on the data for all markets combined. These changes are based on pounds of butterfat, except for nonfat dry milk, which are based on pounds of skim milk. Data for 1996 are adjusted to a 365-day basis before computing percent changes.

5/ Represents the data for all Federal milk order markets, except for New York-New Jersey. For percentage changes based on comparable markets, see tables 18 and 19.

SUMMARY OF PACKAGED SALES OF FLUID MILK ITEMS IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS 1/

Year and month	Number of mkts.	Whole milk items 2/				Fat-reduced milk items 3/				Total fluid milk items						
		Sales	Percent			Sales	Percent			Sales			Percent			
			Total	Adj. 5/	Bf.		Total	Adj. 5/	Bf.	Total	Adj. 5/	Total	Adj. 5/	Bf.		
		<u>Mil. lbs.</u>				<u>Mil. lbs.</u>				<u>Mil. lbs.</u>						
1993	40	15,522	-3.0	-2.8	3.26	27,381	0.8	1.0	1.39	43,203	43,164	-0.6	-0.4	2.06		
1994	38	15,157	-1.5	-1.4	3.26	27,894	1.6	1.6	1.37	43,051	43,047	0.5	0.6	2.04		
1995	33	14,964	-2.3	-2.0	3.27	26,499	1.2	1.4	1.32	43,434	43,530	0	0.2	1.97		
1996	32	15,263	0.7	0.3	3.25	29,077	1.2	0.9	1.30	44,341	44,169	1.0	0.7	1.93		
1997	31	14,803	-0.9	-0.7	3.24	28,592	0.3	0.4	1.27	43,396	43,420	-0.1	0.0	1.91		
1998 6/																
Jan.	31	1,271	-3.2	-3.5	3.25	2,525	-1.4	-2.0	1.26	3,795	3,537	-2.0	-2.4	1.89		
Feb.	31	1,133	-1.1	-1.1	3.27	2,263	-0.5	-0.5	1.25	3,396	3,549	-0.7	-0.7	1.89		
Mar.	31	1,242	-0.1	-0.5	3.26	2,480	1.2	0.9	1.25	3,722	3,571	0.8	0.4	1.89		
Apr.	31	1,186	-1.6	-1.3	3.26	2,342	-2.2	-2.1	1.25	3,528	3,542	-2.0	-1.8	1.89		
May	31	1,196	-3.9	-0.8	3.26	2,354	-3.9	-1.3	1.25	3,550	3,617	-3.9	-1.0	1.89		
June	31	1,203	4.2	0.4	3.26	2,204	3.1	0.2	1.27	3,407	3,652	3.5	0.2	1.94		
July	31	1,248	1.6	1.0	3.26	2,249	1.2	0.8	1.27	3,497	3,703	1.3	0.8	1.95		
Aug.	31	1,239	-0.5	-0.4	3.26	2,324	-0.1	0.2	1.27	3,563	3,747	-0.2	0	1.93		
Sept.	31	1,225	-0.4	0.8	3.25	2,425	-1.5	-0.5	1.26	3,649	3,567	-1.1	0	1.89		
Oct.	31	1,292	0.9	0.6	3.26	2,552	0.6	0	1.26	3,844	3,590	0.7	0.3	1.90		
Nov.	31	1,205	0.3	-0.5	3.25	2,370	0.5	0.1	1.26	3,575	3,600	0.4	-0.3	1.90		
Dec.	31	1,289	0.5	1.2	3.26	2,452	0.1	0.3	1.28	3,741	3,605	0.2	0.7	1.93		
Year to date	---	14,727	-0.3	-0.3	3.26	28,541	-0.3	-0.3	1.26	43,268	43,278	-0.3	-0.3	1.91		

1/ In-area sales include total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handlers' in-area sales are partially estimated.

2/ Plain, flavored, and miscellaneous whole milk products.

3/ Plain, solids added, flavored, and miscellaneous fat-reduced milk products, and buttermilk.

4/ Represents changes over the previous year. Percentages are based on the same group of markets comparable in both years. Data for 1996 are adjusted to a 365-day basis before computing percent changes.

5/ Adjusted to eliminate variation in data to calendar composition and seasonality.

6/ Represents the data for all Federal milk order markets.



A map of the United States divided into 25 regions, each labeled with a text box. The regions are shaded in different tones of gray, ranging from light to dark. The labels are as follows:

- PAC NW
- SW ID-E OR
- GRT BASIN
- W COL
- E COL
- NE-W IA
- ESD
- UPPER MIDWEST
- IOWA
- CHIC REG
- MICH UP
- S MICH
- INDIANA
- C IL
- SIL-E MO
- GRT KCITY
- SW PLAINS
- NM-W TX
- CENT AZ
- TEXAS
- OH VALLEY
- EOH-W PA
- MID ATL
- NY-NJ
- N ENG
- CAROLINA
- UP FL
- T BAY
- SE FL

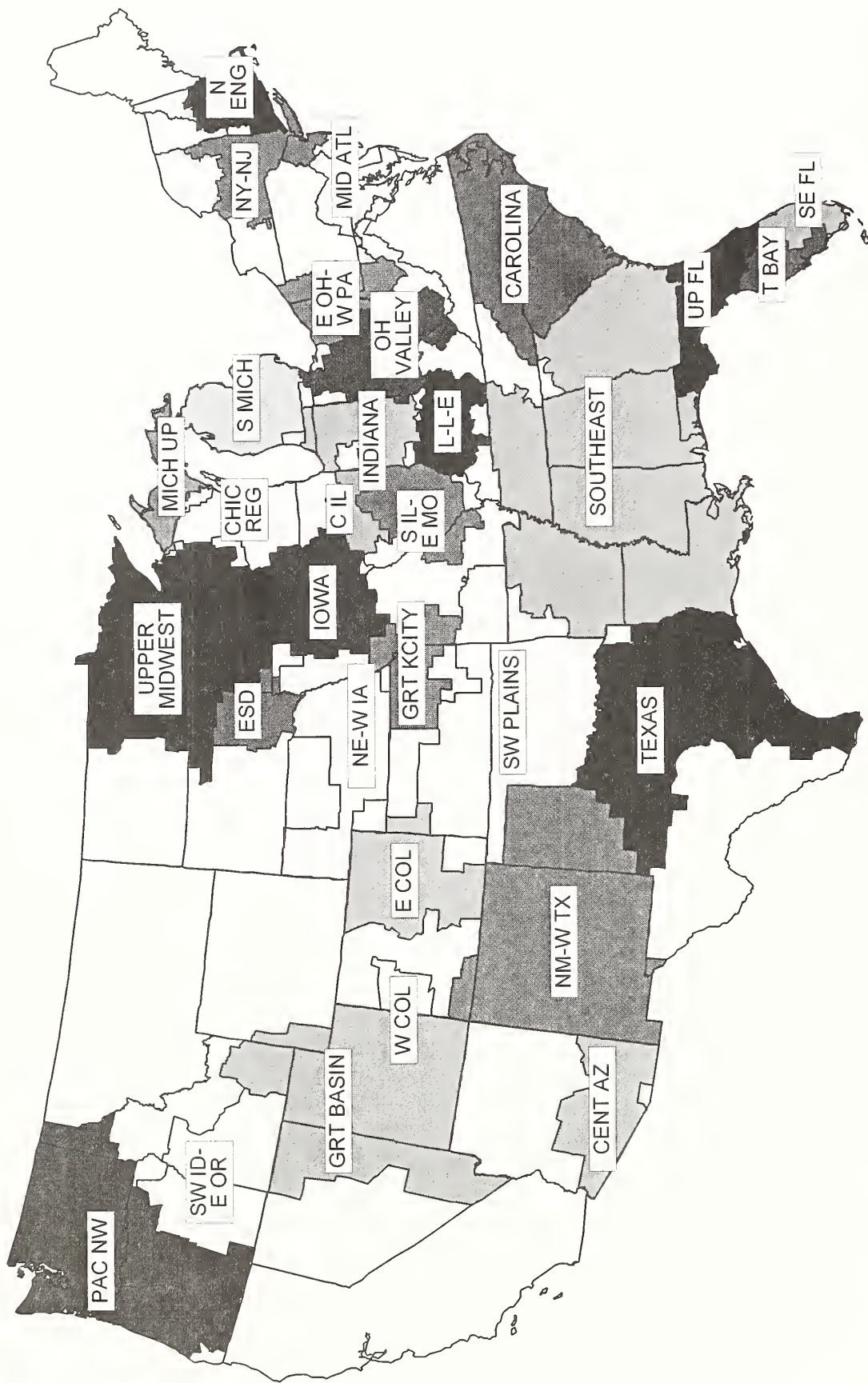


TABLE 1--FEDERAL ORDER FLUID (CLASS I) DIFFERENTIALS, JANUARY 1999 AND MINIMUM FEDERAL ORDER CLASS I PRICES, JANUARY AND FEBRUARY 1999 AND 1998 1/

Federal milk order marketing area	Fluid diff. 2/	Class I price				Federal milk order marketing area	Fluid diff. 2/	Class I price			
		January		February				January		February	
		1999	1998	1999	1998			1999	1998	1999	1998
<u>Dollars</u>						<u>Dollars</u>					
<b>NORTH ATLANTIC</b>						<b>WEST NORTH CENTRAL</b>					
New England	3.24	20.08	16.20	20.58	16.53	Upper Midwest	1.20	18.04	14.16	18.54	14.49
New York-New Jersey	3.14	19.98	16.10	20.48	16.43	Eastern South Dakota	1.50	18.34	14.46	18.84	14.79
Middle Atlantic	3.03	19.87	15.99	20.37	16.32	Iowa	1.55	18.39	14.51	18.89	14.84
<b>SOUTHEASTERN</b>						Nebraska-Western Iowa	1.75	18.59	14.71	19.09	15.04
Carolina	3.08	19.92	16.04	20.42	16.37	Greater Kansas City	1.92	18.76	14.88	19.26	15.21
Southeast	3.08	19.92	16.04	20.42	16.37	<b>WEST SOUTH CENTRAL</b>					
Upper Florida	3.58	20.42	16.54	20.92	16.87	Southwest Plains	2.77	19.61	15.73	20.11	16.06
Tampa Bay	3.88	20.72	16.84	21.22	17.17	Texas	3.16	20.00	16.12	20.50	16.45
Southeastern Florida	4.18	21.02	17.14	21.52	17.47	<b>MOUNTAIN</b>					
<b>EAST NORTH CENTRAL</b>						Eastern Colorado	2.73	19.57	15.69	20.07	16.02
Michigan Upper Pen.	1.35	18.19	14.31	18.69	14.64	Western Colorado	2.00	18.84	14.96	19.34	15.29
Southern Michigan	1.75	18.59	14.71	19.09	15.04	SW. Idaho-E. Oregon	1.50	18.34	14.46	18.84	14.79
E. Ohio-W. Pa.	2.00	18.84	14.96	19.34	15.29	Great Basin	1.90	18.74	14.86	19.24	15.19
Ohio Valley	2.04	18.88	15.00	19.38	15.33	Central Arizona	2.52	19.36	15.48	19.86	15.81
Indiana	1.90	18.74	14.86	19.24	15.19	New Mexico-W. Texas	2.35	19.19	15.31	19.69	15.64
Chicago Regional	1.40	18.24	14.36	18.74	14.69	<b>PACIFIC</b>					
Central Illinois	1.61	18.45	14.57	18.95	14.90	Pacific Northwest	1.90	18.74	14.86	19.24	15.19
S. Ill.-E. Mo.	1.92	18.76	14.88	19.26	15.21						
Louis.-Lex.-Evans.	2.11	18.95	15.07	19.45	15.40						

1/ Prices are for 100 pounds of milk of 3.5 percent butterfat content. Prices are listed generally for the major city in the marketing area; see footnotes on pages 42 and 43 for these locations.

2/ The fluid differential is the amount added to the Basic Formula Price to determine the Class I price. The Basic Formula Price is the base month Minnesota-Wisconsin price for the second preceding month updated with a product price formula. See Table 25. The fluid differentials shown for New England, New York-New Jersey, and Michigan Upper Peninsula reflect location adjustments. The differentials specified in the orders are: New England - \$2.52, New York-New Jersey - \$2.42; and Michigan Upper Peninsula - \$1.15.





TABLE 2--FEDERAL MILK ORDER CLASS AND BLEND PRICES AND BUTTERFAT DIFFERENTIALS, NOVEMBER, WITH COMPARISONS 1/--CONT.

Federal milk order marketing area	Prices per hundredweight							Producer differential per 0.1 percent of butterfat	
	Class I		Blend 2/		Class II		Class III-A 3/		
	Nov 1998		Nov 1997		Nov 1998		Nov 1998		
	Nov 1998	Nov 1997	Nov 1998	Nov 1997	Nov 1998	Nov 1998	Nov 1998		
	-----Dollars-----							-----Cents-----	
<u>West North Central</u>									
Upper Midwest 22/	16.30	13.99	16.36	13.18	15.40	16.84	14.87	---	
Iowa 23/	16.65	14.34	16.36	13.48	15.40	16.84	14.87	---	
Nebraska-Western Iowa 24/	16.85	14.54	16.10	13.68	15.40	16.84	14.87	---	
Greater Kansas City 25/	17.02	14.71	16.92	14.51	15.40	16.84		17.8	
Regional Average 11/ 12/	16.44	14.14	16.29	13.24				17.8	
<u>West South Central</u>									
Southwest Plains 26/	17.87	15.56	17.40	14.41	15.40	16.84	14.87	17.8	
Texas 27/	18.26	15.95	17.44	14.70	15.40	16.84	14.87	17.8	
Regional Average	18.14	15.83	17.43	14.60				17.8	
<u>Mountain</u>									
Eastern Colorado 28/	17.83	15.52	17.18	14.22	15.40	16.84		17.8	
Southwestern Idaho-Eastern Oreg. 29/	16.60	14.29	16.64	13.17	15.40	16.84	14.80	---	
Great Basin 30/	17.00	14.69	16.67	13.75	15.40	16.84		---	
Central Arizona 31/	17.62	15.31	16.74	14.07	15.40	16.84	14.80	17.8	
New Mexico-West Texas 32/	17.45	15.14	16.89	13.73	15.40	16.84	14.87	17.8	
Regional Average 11/	17.43	15.12	16.84	13.84				17.8	
<u>Pacific</u>									
Pacific Northwest 33/	17.00	14.69	16.40	13.79	15.40	16.84	14.80	---	
Regional Average	17.00	14.69	16.40	13.79					
22-Market Average 11/ 12/	17.60	15.31	16.98	14.05				17.8	
All-Market Average 11/	17.66	15.36	17.06	14.14	15.41			17.8	

See footnotes on pages 42 and 43.



TABLE 3--FEDERAL MILK ORDER CLASS AND BLEND PRICES AND BUTTERFAT DIFFERENTIALS, DECEMBER, WITH COMPARISONS 1/

Federal milk order marketing area	Prices per hundredweight								Producer differential per 0.1 percent of butterfat
	Class I		Blend 2/		Class II		Class III-A 3/		
	Dec 1998	Dec 1997	Dec 1998	Dec 1997	Dec 1998	Dec 1997	Dec 1998	Dec 1997	
	-----Dollars-----								
									-----Cents-----
<u>North Atlantic</u>									
New England 4/	19.28	16.07	17.90	14.78	16.34	17.40	13.54	13.2	13.2
New York-New Jersey 5/	19.18	15.97	18.17	14.67	16.42	17.48	13.62	13.2	13.2
Middle Atlantic 6/	19.07	15.86	17.35	14.41	16.34	17.42	13.56	---	---
Regional Average	19.18	15.97	17.89	14.63				13.2	13.2
<u>Southeastern</u>									
Carolina 7/	19.12	15.91	18.62	15.44	16.34	17.34	13.48	13.2	13.2
Tennessee Valley 8/ 9/	---	---	---	---	---	---	---	---	---
Southeast 10/	19.12	15.91	18.70	15.43	16.34	17.34	13.48	13.2	13.2
Tampa Bay	19.92	16.71	19.45	16.13	16.34	17.34		13.2	13.2
Regional Average 11/ 12/	19.92	16.71	19.45	16.13				13.2	13.2
<u>East North Central</u>									
Michigan Upper Peninsula 13/ 14/	17.39	14.18	17.36	13.94	16.34	17.34	13.48	13.2	13.2
Southern Michigan 15/	17.79	14.58	16.86	13.84	16.34	17.34	13.48	---	---
East, Ohio-West, Pennsylvania 16/	18.04	14.83	17.62	14.12	16.34	17.34	13.48	---	---
Ohio Valley 17/	18.08	14.87	17.50	14.13	16.34	17.34	13.48	---	---
Indiana 18/	17.94	14.73	17.12	14.21	16.34	17.34	13.48	---	---
Chicago Regional 19/	17.44	14.23	17.02	13.62	16.34	17.34	13.48	---	---
Central Illinois 20/	17.65	14.44	17.63	14.27	16.34	17.34		13.2	13.2
South, Illinois-East, Missouri 21/	17.96	14.75	17.56	14.21	16.34	17.34		13.2	13.2
Louisville-Lexington-Evansville	18.15	14.94	17.74	14.52	16.34	17.34	13.48	13.2	13.2
Regional Average 12/	17.82	14.61	17.21	13.86				13.2	13.2

CONTINUED

See footnotes on pages 42 and 43.

TABLE 3--FEDERAL MILK ORDER CLASS AND BLEND PRICES AND BUTTERFAT DIFFERENTIALS, DECEMBER, WITH COMPARISONS 1/--CONT.

Federal milk order marketing area	Prices per hundredweight								Producer differential per 0.1 percent of butterfat
	Class I		Blend 2/		Class II		Class III		
	Dec 1998		Dec 1997		Dec 1998		Dec 1997		
	Dec 1998		Dec 1997		Dec 1998		Dec 1997		
									-----Cents-----
<u>West North Central</u> Upper Midwest 22/ Iowa 23/ Nebraska-Western Iowa 24/ Greater Kansas City 25/ Regional Average 11/ 12/	17.24	14.03	16.91	13.44	16.34	17.34	13.48	---	
	17.59	14.38	16.69	13.65	16.34	17.34	13.48	---	
	17.79	14.58	16.17	13.61	16.34	17.34	13.48	---	
	17.96	14.75	17.92	14.76	16.34	17.34		13.2	
	17.39	14.18	16.69	13.46					
<u>West South Central</u> Southwest Plains 26/ Texas 27/ Regional Average	18.81	15.60	18.05	14.63	16.34	17.34	13.48	13.2	
	19.20	15.99	17.85	14.80	16.34	17.34	13.48	13.2	
	19.08	15.88	17.92	14.75				13.2	
<u>Mountain</u> Eastern Colorado 28/ Southwestern Idaho-Eastern Ore. 29/ Great Basin 30/ Central Arizona 31/ New Mexico-West Texas 32/ Regional Average 11/	18.77	15.56	17.98	14.40	16.34	17.34		13.2	
	17.54	14.33	17.26	13.44	16.34	17.34	13.14	---	
	17.94	14.73	17.51	13.93	16.34	17.34		---	
	18.56	15.35	17.03	13.95	16.34	17.34	13.14	13.2	
	18.39	15.18	17.08	13.81	16.34	17.34	13.48	13.2	
	18.37	15.16	17.38	13.93				13.2	
<u>Pacific</u> Pacific Northwest 33/ Regional Average	17.94	14.73	16.55	13.53	16.34	17.34	13.14	---	
	17.94	14.73	16.55	13.53					
22-Market Average 11/ 12/	18.55	15.35	17.52	14.15				13.2	
All-Market Average 11/	18.61	15.41	17.63	14.26	16.35			13.2	

See footnotes on pages 42 and 43.

TABLE 4--AVERAGE FEDERAL MILK ORDER CLASS I AND BLEND PRICES, BY MARKETING AREA, JANUARY-DECEMBER, WITH COMPARISONS 1/

Federal milk order marketing area	Class I price per hundredweight			Blend price per hundredweight		
	1998	1997	Change 1998 over 1997	1998	1997	Change 1998 over 1997
<u>Dollars</u>						
<u>North Atlantic</u>						
New England	16.81	15.03	1.78	15.61	13.74	1.87
New York-New Jersey	16.72	14.92	1.80	15.40	13.47	1.93
Middle Atlantic	16.60	14.81	1.79	15.17	13.40	1.77
Regional Average	16.71	14.92	1.79	15.39	13.51	1.88
<u>Southeastern</u>						
Carolina	16.63	14.87	1.76	16.14	14.34	1.80
Tennessee Valley 2/	---	14.29	---	---	13.80	---
Southeast	16.65	14.89	1.76	16.13	14.27	1.86
Tampa Bay	17.41	15.68	1.73	16.82	15.05	1.77
Regional Average 3/ 4/	17.41	15.68	1.73	16.82	15.05	1.77
<u>East North Central</u>						
Michigan Upper Peninsula	14.90	13.10	1.80	14.66	12.85	1.81
Southern Michigan	15.34	13.53	1.81	14.62	12.75	1.87
East, Ohio-West, Pennsylvania	15.60	13.79	1.81	14.82	12.94	1.88
Ohio Valley	15.61	13.82	1.79	14.77	13.05	1.72
Indiana	15.46	13.69	1.77	14.82	13.11	1.71
Chicago Regional	14.93	13.17	1.76	13.85	12.25	1.60
Central Illinois	15.23	13.39	1.84	14.94	13.11	1.83
South, Illinois-East, Missouri	15.47	13.70	1.77	14.66	12.94	1.72
Louisville-Lexington-Evansville	15.63	13.93	1.70	15.23	13.52	1.71
Regional Average 3/	15.34	13.55	1.79	14.35	12.61	1.74

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See footnotes on page 44.

TABLE 4--AVERAGE FEDERAL MILK ORDER CLASS I AND BLEND PRICES, BY MARKETING AREA, JANUARY-DECEMBER, WITH COMPARISONS 1/--CONT.

Federal milk order marketing area	Class I price per hundredweight			Blend price per hundredweight		
	1998	1997	Change 1998 over 1997	1998	1997	Change 1998 over 1997
<u>Dollars</u>						
<u>West North Central</u>						
Upper Midwest						
Iowa	14.82	12.98	1.84	13.57	12.16	1.41
Nebraska-Western Iowa	15.31	13.56	1.75	14.07	12.54	1.53
Greater Kansas City	15.31	13.53	1.78	14.17	12.59	1.58
Regional Average $\frac{3}{4}$	---	---	---	15.40	13.54	1.86
	14.95	13.14	1.81	13.68	12.22	1.46
<u>West South Central</u>						
Southwest Plains	16.36	14.53	1.83	15.23	13.38	1.85
Texas	16.72	14.94	1.78	15.37	13.60	1.77
Regional Average	16.61	14.81	1.80	15.33	13.53	1.80
<u>Mountain</u>						
Eastern Colorado	16.31	14.51	1.80	15.16	13.20	1.96
Southwestern Idaho-Eastern Ore.	15.07	13.27	1.80	13.47	11.89	1.58
Great Basin	15.48	13.67	1.81	14.70	12.71	1.99
Central Arizona	16.09	14.30	1.79	14.90	13.03	1.87
New Mexico-West Texas	15.91	14.12	1.79	14.31	12.77	1.54
Regional Average $\frac{4}{5}$	15.90	14.10	1.80	14.57	12.70	1.87
<u>Pacific</u>						
Pacific Northwest	15.47	13.68	1.79	14.75	12.66	2.09
Regional Average	15.47	13.68	1.79	14.75	12.66	2.09
22-Market Average $\frac{3}{4}$	16.08	14.29	1.79	14.81	12.99	1.82
All-Market Average $\frac{3}{4}$	16.14	14.36	1.78	14.92	13.10	1.82

See footnotes on page 44.

TABLE 5--NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL PRODUCER DELIVERIES, BUTTERFAT CONTENT OF PRODUCER DELIVERIES, AND AVERAGE DAILY DELIVERY PER PRODUCER, BY MARKETING AREA, NOVEMBER

Federal milk order marketing area	Number of producers		Total producer deliveries		Butterfat content of producer deliveries		Average daily delivery per producer	
	Nov 1998	Change from Nov 1997	Nov 1998	Nov 1997	Nov 1998	Nov 1997	Nov 1998	Nov 1997
			1,000 lbs.		Percent	Percent	Pounds	
<u>North Atlantic</u>								
New England	3,764	206-	461,567	450,825	2.4	3.83	4,088	3,785
New York-New Jersey	9,536	878-	916,758	935,111	2.0-	3.78	3,205	2,993
Middle Atlantic	4,799	306	480,183	467,696	2.7	3.83	3,335	3,470
Regional Average or Total	18,099	778-	1,858,508	1,853,632	0.3	3.81	3.79	
<u>Southeastern</u>								
Carolina	1,740	138	249,828	229,323	8.9	3.77	4,786	4,772
Tennessee Valley 2/	---	---	---	---	---	---	---	---
Southeast	4,550	188-	475,405	493,652	3.7-	3.71	3,483	3,361
Florida Markets 5/	290	15-	219,730	228,666	3.9-	3.62	25,256	24,185
Regional Average or Total 3/	290	15-	219,730	228,666	3.9-	3.62	3.69	
<u>East North Central</u>								
Michigan Upper Peninsula 6/	75	24-	4,818	5,599	13.9-	3.81	2,141	1,885
Southern Michigan 6/	2,935	210-	345,111	333,691	3.4	3.83	3,919	3,537
East. Ohio-West. Pennsylvania	3,144	246-	263,429	263,427	0.0	3.89	2,793	2,590
Ohio Valley 6/	2,373	278-	201,814	241,732	16.5-	3.87	2,835	3,040
Indiana 6/	1,704	111	147,901	155,244	4.7-	3.85	2,893	3,248
Chicago Regional 6/	12,374	1,854-	523,181	1,164,455	55.1-	3.87	1,409	2,728
Central Illinois 6/	260	52	16,370	14,659	11.7	3.87	2,099	2,349
South. Illinois-East. Missouri 6/	1,479	151-	121,665	138,984	12.5-	3.83	2,742	2,842
Louisville-Lexington-Evansville	1,616	500-	104,833	112,615	6.9-	3.77	2,162	1,774
Regional Average or Total 3/	24,344	2,600-	1,624,289	2,317,791	29.9-	3.86		

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See footnotes on page 44.



TABLE 5--NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL PRODUCER DELIVERIES, BUTTERFAT CONTENT OF PRODUCER DELIVERIES, AND AVERAGE DAILY DELIVERY PER PRODUCER, BY MARKETING AREA, NOVEMBER--CONT.

Federal milk order marketing area	Number of producers		Total producer deliveries			Butterfat content of producer deliveries		Average daily delivery per producer	
	Nov 1998	Change from Nov 1997	Nov 1998	Nov 1997	Change from Nov 1997	Nov 1998	Nov 1997	Nov 1998	Nov 1997
			1,000 lbs.		Percent	Percent		Pounds	
<u>Upper Midwest</u> 6/	9,732	1,092-	246,151	826,062	70.2-	3.83	3.87	2,986	2,597
Iowa 6/	2,396	1,525-	147,910	280,516	47.3-	3.87	3.91	3,290	2,690
Nebraska-Western Iowa 6/	848	422-	94,293	118,413	20.4-	3.85	3.91	4,518	3,563
Greater Kansas City-E. S. Dak. 6/ 7/	582	193	44,578	39,839	11.9	3.83	3.88	2,553	3,414
Regional Average or Total 3/	10,580	1,514-	340,444	944,475	64.0-	3.84	3.88		
<u>West South Central</u>									
Southwest Plains 6/	1,985	448-	211,037	255,878	17.5-	3.76	3.79	3,544	3,506
Texas 6/	1,429	30	410,127	485,336	15.5-	3.70	3.76	9,567	11,564
Regional Average or Total	3,414	418-	621,164	741,214	16.2-	3.72	3.77		
<u>Mountain</u>									
Eastern Colorado-West. Colorado 7/	229	187-	132,943	139,930	5.0-	3.73	3.75	19,351	11,212
Southwestern Idaho-Eastern Ore. 6/	92	324-	46,844	102,555	54.3-	3.79	3.71	21,647	20,548
Great Basin 6/	508	16-	133,740	182,034	26.5-	3.75	3.73	8,776	11,580
Central Arizona	100	3-	212,830	201,339	5.7	3.67	3.71	70,943	65,158
New Mexico-West Texas 6/	221	81	138,220	163,241	15.3-	3.66	3.69	20,848	38,867
Regional Average or Total	1,150	449-	664,577	789,099	15.8-	3.70	3.72		
<u>Pacific</u>									
Pacific Northwest	1,128	70-	535,732	510,912	4.9	3.76	3.75	15,831	14,216
Regional Average or Total	1,128	70-	535,732	510,912	4.9	3.76	3.75		
25-Market Average or Total 2/	59,005	5,844-	5,864,444	7,385,789	20.6-	3.79	3.81	3,313	3,796
All-Market Average or Total	69,889	7,726-	6,886,998	8,541,734	19.4-	3.79	3.81	3,285	3,668

See footnotes on page 44.

TABLE 6--NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL PRODUCER DELIVERIES, BUTTERFAT CONTENT OF PRODUCER DELIVERIES, AND AVERAGE DAILY DELIVERY PER PRODUCER, BY MARKETING AREA, DECEMBER

Federal milk order marketing area	Number of producers		Total producer deliveries			Butterfat content of producer deliveries		Average daily delivery per producer	
	Dec 1998	Change from Dec 1997	Dec 1998	Dec 1997	Change from Dec 1997	Dec 1998	Dec 1997	Dec 1998	Dec 1997
			1,000 lbs.		Percent	Percent		Pounds	
<u>North Atlantic</u>									
New England	3,753	208-	498,679	482,160	3.4	3.77	3.81	4,286	3,927
New York-New Jersey	9,458	911-	979,570	998,444	1.9-	3.74	3.76	3,341	3,106
Middle Atlantic	4,804	284	535,267	514,449	4.0	3.80	3.82	3,594	3,671
Regional Average or Total	18,015	835-	2,013,516	1,995,053	0.9	3.76	3.79		
<u>Southeastern</u>									
Carolina	1,767	22-	259,606	250,746	3.5	3.77	3.81	4,739	4,521
Tennessee Valley 2/	---	---	---	---	---	---	---	---	---
Southeast	4,814	15	502,087	521,111	3.7-	3.70	3.77	3,364	3,503
Florida Markets 5/	270	17-	247,158	255,521	3.3-	3.60	3.67	29,529	28,720
Regional Average or Total 3/	270	17-	247,158	255,521	3.3-	3.60	3.67		
<u>East North Central</u>									
Michigan Upper Peninsula 6/	74	11-	4,876	5,740	15.1-	3.78	3.81	2,126	2,178
Southern Michigan 6/	2,907	287-	366,252	354,027	3.5	3.81	3.79	4,064	3,576
East. Ohio-West. Pennsylvania	3,163	193-	290,033	280,221	3.5	3.86	3.85	2,958	2,694
Ohio Valley	2,395	259-	249,560	263,134	5.2-	3.87	3.86	3,361	3,198
Indiana 6/	1,478	274-	164,578	168,542	2.4-	3.84	3.85	3,592	3,103
Chicago Regional 6/	12,497	1,802-	556,355	1,099,971	49.4-	3.84	3.84	1,436	2,481
Central Illinois 6/	237	32	17,854	15,724	13.5	3.89	3.93	2,430	2,474
South. Illinois-East. Missouri 6/	1,417	511-	119,908	152,692	21.5-	3.81	3.91	2,730	2,555
Louisville-Lexington-Evansville	1,688	378-	110,454	118,656	6.9-	3.78	3.81	2,111	1,853
Regional Average or Total 3/	24,168	3,305-	1,769,416	2,340,051	24.4-	3.84	3.84		

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See footnotes on page 44.



TABLE 6--NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL PRODUCER DELIVERIES, BUTTERFAT CONTENT OF PRODUCER DELIVERIES, AND AVERAGE DAILY DELIVERY PER PRODUCER, BY MARKETING AREA, DECEMBER--CONT.

Federal milk order marketing area	Number of producers		Total producer deliveries			Butterfat content of producer deliveries		Average daily delivery per producer	
	Dec 1998	Change from Dec 1997	Dec 1998	Dec 1997	Change from Dec 1997	Dec 1998	Dec 1997	Dec 1998	Dec 1997
			1,000 lbs.		Percent	Percent		Pounds	
<u>West North Central</u>									
Upper Midwest 6/	9,595	1,084-	251,760	834,137	69.8-	3.79	3.82	3,097	2,749
Iowa 6/	2,554	1,124-	159,642	292,002	45.3-	3.83	3.87	3,060	2,834
Nebraska-Western Iowa 6/	1,027	203-	107,218	142,978	25.0-	3.81	3.88	4,816	3,952
Greater Kansas City-E. S. Dak. 6/ 7/	471	100	54,271	41,135	31.9	3.80	3.88	3,717	3,577
Regional Average or Total 3/	10,622	1,287-	358,978	977,115	63.3-	3.80	3.83		
<u>West South Central</u>									
Southwest Plains 6/	2,160	273-	248,760	230,573	7.9	3.76	3.86	3,715	3,057
Texas 6/	1,501	8	443,177	504,713	12.2-	3.70	3.79	9,524	10,905
Regional Average or Total	3,661	265-	691,937	735,286	5.9-	3.72	3.81		
<u>Mountain</u>									
Eastern Colorado-West. Colorado 7/	247	156-	143,325	149,271	4.0-	3.75	3.75	18,718	11,948
Southwestern Idaho-Eastern Oreg. 6/	392	45	60,282	106,554	43.4-	3.72	3.73	27,138	26,574
Great Basin	530	46-	183,728	198,018	7.2-	3.78	3.76	11,182	11,090
Central Arizona	101	2-	227,740	215,105	5.9	3.70	3.71	72,737	67,368
New Mexico-West Texas 6/	132	48-	87,564	185,488	52.8-	3.69	3.77	21,399	33,242
Regional Average or Total	1,402	207-	702,639	854,436	17.8-	3.73	3.74		
<u>Pacific</u>									
Pacific Northwest	1,120	65-	559,377	532,571	5.0	3.77	3.77	16,111	14,498
Regional Average or Total	1,120	65-	559,377	532,571	5.0	3.77	3.77		
25-Market Average or Total 3/	59,258	5,981-	6,343,021	7,690,033	17.5-	3.77	3.80	3,453	3,802
All-Market Average or Total	70,552	7,390-	7,429,081	8,913,683	16.7-	3.77	3.80	3,397	3,689

See footnotes on page 44.

TABLE 7--PRODUCER DELIVERIES OF MILK USED IN CLASS I AND GROSS CLASS I USE BY HANDLERS REGULATED UNDER FEDERAL ORDERS, BY MARKETING AREA, NOVEMBER, WITH COMPARISONS

Federal milk order marketing area	Producer deliveries used in Class I			Class I utilization percentage		Gross Class I use	
	Nov 1998	Nov 1997	Change from Nov 1997	Nov 1998	Nov 1997	Nov 1998	Change from Nov 1997
	1,000 pounds		Percent	Percent		1,000 pounds	Percent
<u>North Atlantic</u>							
New England	220,296	222,734	1.1-	47.7	49.4	236,676	1.9-
New York-New Jersey	406,622	404,125	0.6	44.4	43.2	406,622	.6
Middle Atlantic	220,088	229,477	4.1-	45.8	49.1	240,207	4.1-
Regional Average or Total	847,006	856,336	1.1-	45.6	46.2		
<u>Southeastern</u>							
Carolina	198,168	181,547	9.2	79.3	79.2	215,179	6.7
Tennessee Valley 2/	---	---	---	---	---	---	---
Southeast	387,210	391,785	1.2-	81.4	79.4	433,131	.9
Florida Markets 5/	191,725	197,314	2.8-	87.3	86.3	221,068	2.4-
Regional Average or Total 3/	191,725	197,314	2.8-	87.3	86.3		
<u>East North Central</u>							
Michigan Upper Peninsula	4,386	4,088	7.3	91.0	73.0	4,621	6.1
Southern Michigan	178,003	169,913	4.8	51.6	50.9	195,085	2.2
East. Ohio-West. Pennsylvania	46,791	142,115	3.3	55.7	53.9	157,345	2.9
Ohio Valley	136,085	130,785	4.1	67.4	54.1	149,194	.5
Indiana	99,024	94,827	4.4	67.0	61.1	114,876	.9
Chicago Regional	217,843	214,128	1.7	41.6	18.4	243,186	.8
Central Illinois	14,114	12,029	17.3	86.2	82.1	16,311	12.1
South. Illinois-East. Missouri	81,178	82,057	1.1-	66.7	59.0	92,990	1.6
Louisville-Lexington-Evansville	81,483	81,314	0.2	77.7	72.2	99,294	2.0
Regional Average or Total 3/	877,424	849,942	3.2	54.0	36.7		

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See footnotes on page 44.

TABLE 7--PRODUCER DELIVERIES OF MILK USED IN CLASS I AND GROSS CLASS I USE BY HANDLERS REGULATED UNDER FEDERAL ORDERS, BY MARKETING AREA, NOVEMBER, WITH COMPARISONS--CONT.

Federal milk order marketing area	Producer deliveries used in Class I			Class I utilization percentage		Gross Class I use	
	Nov 1998	Nov 1997	Change from Nov 1997	Nov 1998	Nov 1997	Nov 1998	Change from Nov 1997
	1,000 pounds	1,000 pounds	Percent	Percent	Percent	1,000 pounds	Percent
<u>West North Central</u>							
Upper Midwest							
Iowa <u>g/</u>	143,020	134,374	6.4	58.1	16.3	144,923	6.0
Nebraska-Western Iowa	87,310	84,146	3.8	59.0	30.0	95,549	6.6
Greater Kansas City-E. S. Dak. <u>7/ g/</u>	50,162	50,494	0.7-	53.2	42.6	55,094	4.0-
Regional Average or Total <u>3/</u>	---	---	---	---	---	---	---
	193,182	184,868	4.5	56.7	19.6		
<u>West South Central</u>							
Southwest Plains							
Texas	120,075	121,894	1.5-	56.9	47.6	128,096	1.8-
Regional Average or Total	265,759	260,100	2.2	64.8	53.6	266,378	1.3
	385,834	381,994	1.0	62.1	51.5		
<u>Mountain</u>							
Eastern Colorado-West. Colorado <u>7/</u>	69,494	65,547	6.0	52.3	46.8	74,912	3.2
Southwestern Idaho-Eastern Oreg.	15,409	14,484	6.4	32.9	14.1	17,445	2.4
Great Basin	74,383	69,811	6.5	55.6	38.4	81,109	4.7
Central Arizona	83,920	82,233	2.1	39.4	40.8	90,791	2.0
New Mexico-West Texas	51,787	51,549	0.5	37.5	31.6	53,658	.9
Regional Average or Total	294,993	283,624	4.0	44.4	35.9		
<u>Pacific</u>							
Pacific Northwest	177,433	171,270	3.6	33.1	33.5	191,686	2.9
Regional Average or Total	177,433	171,270	3.6	33.1	33.5		
25-Market Average or Total <u>3/ g/</u>	2,967,597	2,925,348	1.4	50.6	39.6		
All-Market Average or Total <u>g/</u>	3,721,768	3,664,140	1.6	54.0	42.9		

See footnotes on page 44.

TABLE 8--PRODUCER DELIVERIES OF MILK USED IN CLASS I AND GROSS CLASS I USE BY HANDLERS REGULATED UNDER FEDERAL ORDERS, BY MARKETING AREA, DECEMBER, WITH COMPARISONS

Federal milk order marketing area	Producer deliveries used in Class I			Class I utilization percentage		Gross Class I use	
	Dec 1998	Dec 1997	Change from Dec 1997	Dec 1998	Dec 1997	Dec 1998	Change from Dec 1997
	1,000 pounds	1,000 pounds	Percent	Percent	Percent	1,000 pounds	Percent
<u>North Atlantic</u>							
New England	231,309	235,621	1.8-	46.4	48.9	247,578	2.4-
New York-New Jersey	420,655	425,827	1.2-	42.9	42.6	420,655	1.0-
Middle Atlantic	233,382	238,703	2.2-	43.6	46.4	253,056	1.3-
Regional Average or Total	885,346	900,151	1.6-	44.0	45.1		
<u>Southeastern</u>							
Carolina	209,940	203,805	3.0	80.9	81.3	228,457	3.6
Tennessee Valley 2/	---	---	---	---	---	---	---
Southeast	406,518	413,171	1.6-	81.0	79.3	446,164	.9-
Florida Markets 5/	217,287	218,734	0.7-	87.9	85.6	235,279	.7-
Regional Average or Total 3/	217,287	218,734	0.7-	87.9	85.6		
<u>East North Central</u>							
Michigan Upper Peninsula	4,294	4,372	1.8-	88.1	76.2	4,623	.3-
Southern Michigan	177,977	177,716	0.1	48.6	50.2	195,410	.8-
East. Ohio-West. Pennsylvania	157,721	150,905	4.5	54.4	53.9	167,721	4.3
Ohio Valley	140,631	143,406	1.9-	56.4	54.5	154,980	1.0-
Indiana	105,916	103,748	2.1	64.4	61.6	118,761	.4
Chicago Regional	227,631	224,996	1.2	40.9	20.5	252,715	2.2
Central Illinois	14,919	12,207	22.2	83.6	77.6	17,046	13.3
South. Illinois-East. Missouri	83,000	87,585	5.2-	69.2	57.4	98,032	2.9
Louisville-Lexington-Evansville	90,207	90,457	0.3-	81.7	76.2	102,483	.8-
Regional Average or Total 3/	912,089	904,935	0.8	51.5	38.7		

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See footnotes on page 44.



TABLE 8--PRODUCER DELIVERIES OF MILK USED IN CLASS I AND GROSS CLASS I USE BY HANDLERS REGULATED UNDER FEDERAL ORDERS, BY MARKETING AREA, DECEMBER, WITH COMPARISONS--CONT.

Federal milk order marketing area	Producer deliveries used in Class I			Class I utilization percentage		Gross Class I use	
	Dec 1998	Dec 1997	Change from Dec 1997	Dec 1998	Dec 1997	Dec 1998	Change from Dec 1997
	1,000 pounds	1,000 pounds	Percent	Percent	Percent	1,000 pounds	Percent
<u>West North Central</u>							
Upper Midwest	140,115	137,712	1.7	55.7	16.5	142,809	1.9
Iowa 8/	90,059	86,134	4.6	56.4	29.5	98,176	6.8
Nebraska-Western Iowa	51,859	53,703	3.4-	48.4	37.6	58,466	2.7-
Greater Kansas City-E. S. Dakota 7/ 8/	---	---	---	---	---	---	---
Regional Average or Total 3/	191,974	191,415	0.3	53.5	19.6		
<u>West South Central</u>							
Southwest Plains	124,658	109,044	14.3	50.1	47.3	132,553	13.6
Texas	275,546	269,629	2.2	62.2	53.4	276,407	2.9
Regional Average or Total	400,204	378,673	5.7	57.8	51.5		
<u>Mountain</u>							
East. Colorado-West. Colorado 7/	74,496	71,225	4.6	52.0	47.7	80,449	4.7
Southwestern Idaho-Eastern Ore.	15,554	15,140	2.7	25.8	14.2	17,503	2.2
Great Basin	80,261	75,801	5.9	43.7	38.3	87,036	5.6
Central Arizona	84,495	85,265	0.9-	37.1	39.6	91,844	.1
New Mexico-West Texas	53,615	54,215	1.1-	61.2	29.2	55,645	13.4
Regional Average or Total	308,421	301,646	2.2	43.9	35.3		
<u>Pacific</u>							
Pacific Northwest	182,358	180,800	0.9	32.6	33.9	195,858	1.5
Regional Average or Total	182,358	180,800	0.9	32.6	33.9		
25-Market Average or Total 3/ 8/	3,097,679	3,076,354	0.7	48.8	40.0		
All-Market Average or Total 8/	3,894,403	3,869,921	0.6	52.4	43.4		

See footnotes on page 44.

TABLE 9--PRODUCER DELIVERIES OF MILK USED IN CLASS II BY HANDLERS REGULATED UNDER FEDERAL ORDERS,  
BY MARKETING AREA, NOVEMBER AND YEAR TO DATE

Federal milk order marketing area	Producer deliveries used in Class II			Class II utilization		Producer deliveries used in Class II		Class II utilization	
	Nov 1998	Nov 1997	Nov 1998	Nov 1997	Year to date 1998	Year to date 1997	Year to date 1998	Year to date 1997	
	1,000 pounds			Percent	1,000 pounds			Percent	
<u>North Atlantic</u>									
New England	76,971	83,933	16.7	18.6	974,350	909,421	18.4	18.3	
New York-New Jersey	140,841	151,138	15.4	16.2	1,647,758	1,731,400	15.1	16.1	
Middle Atlantic	116,025	98,254	24.2	21.0	1,332,146	1,174,205	23.1	19.7	
Regional Average or Total	333,837	333,325	18.0	18.0	3,954,254	3,815,026	18.0	17.6	
<u>Southeastern</u>									
Carolina	36,735	27,692	14.7	12.1	381,797	343,200	14.0	13.5	
Tennessee Valley 2/	---	---	---	---	---	126,960	---	12.0	
Southeast	36,859	40,118	7.8	8.1	461,896	455,908	8.6	8.9	
Florida Markets 5/	18,347	20,029	8.3	8.8	207,671	233,677	8.1	8.8	
Regional Average or Total 2/	18,347	20,029	8.4	8.8	207,671	233,677	8.1	8.8	
<u>East North Central</u>									
Michigan Upper Peninsula	46	303	1.0	5.4	2,154	3,581	3.7	5.9	
Southern Michigan	74,351	65,261	21.5	19.6	873,595	944,457	22.1	23.4	
East. Ohio-West. Pennsylvania	23,410	18,874	8.9	7.2	284,495	253,138	9.4	8.3	
Ohio Valley	51,325	59,932	25.4	24.8	674,520	689,508	24.7	24.9	
Indiana	35,456	32,423	24.0	20.9	432,180	442,291	24.4	24.7	
Chicago Regional	86,466	67,792	16.5	5.8	911,467	887,656	8.8	7.6	
Central Illinois	558	99	3.4	0.7	9,525	5,677	5.3	3.3	
South. Illinois-East. Missouri	28,869	29,177	23.7	21.0	376,725	382,093	22.4	21.2	
Louisville-Lexington-Evansville	15,590	16,416	14.9	14.6	149,731	128,970	12.3	12.0	
Regional Average or Total 3/	300,481	273,861	18.5	11.8	3,564,661	3,608,401	15.0	14.2	

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See footnotes on page 44.

TABLE 9--PRODUCER DELIVERIES OF MILK USED IN CLASS II BY HANDLERS REGULATED UNDER FEDERAL ORDERS,  
BY MARKETING AREA, NOVEMBER AND YEAR TO DATE--CONT.

Federal milk order marketing area	Producer deliveries used in Class II		Class II utilization		Producer deliveries used in Class II		Class II utilization	
	Nov 1998	Nov 1997	Nov 1998	Nov 1997	Year to date 1998	Year to date 1997	Year to date 1998	Year to date 1997
	1,000 pounds		Percent		1,000 pounds		Percent	
<u>West North Central</u>								
Upper Midwest								
Iowa 8/	32,717	35,248	13.3	4.3	382,170	354,847	5.6	4.6
Nebraska-Western Iowa	10,832	10,256	7.3	3.7	132,351	84,032	5.3	3.4
Greater Kansas City-E. S. Dak. 7/ 8/	16,904	18,841	17.9	15.9	174,449	198,344	12.1	13.4
Regional Average or Total 3/	---	---	---	---	---	---	---	---
	49,621	54,089	14.6	5.7	556,619	553,191	6.7	6.0
<u>West South Central</u>								
Southwest Plains								
Texas	23,130	29,893	11.0	11.7	381,763	400,831	14.2	14.1
Regional Average or Total	81,684	87,934	19.9	18.1	1,095,644	1,075,316	20.3	18.3
	104,814	117,827	16.9	15.9	1,477,407	1,476,147	18.3	16.9
<u>Mountain</u>								
East, Colorado-West, Colorado 7/	17,576	16,395	13.2	11.7	189,356	180,155	12.7	11.2
Southwestern Idaho-Eastern Ore.	5,342	5,737	11.4	5.6	73,374	75,196	5.3	3.6
Great Basin	22,036	18,158	16.5	10.0	224,083	215,176	12.1	10.0
Central Arizona	18,705	15,271	8.8	7.6	185,222	171,743	8.0	7.7
New Mexico-West Texas	7,090	5,524	5.1	3.4	81,981	77,495	4.7	4.0
Regional Average or Total	70,749	61,085	10.6	7.7	754,016	719,765	8.6	7.2
<u>Pacific</u>								
Pacific Northwest	50,137	45,470	9.4	8.9	535,168	518,803	8.8	8.8
Regional Average or Total	50,137	45,470	9.4	8.9	535,168	518,803	8.8	8.8
25-Market Average or Total 3/ 8/	927,986	905,686	15.8	12.3	11,049,796	10,925,010	13.9	13.1
All-Market Average or Total 8/	1,028,002	1,000,168	14.9	11.7	12,175,571	12,064,080	13.3	12.5

See footnotes on page 44.



TABLE 10--PRODUCER DELIVERIES OF MILK USED IN CLASS II BY HANDLERS REGULATED UNDER FEDERAL ORDERS,  
BY MARKETING AREA, DECEMBER AND YEAR TO DATE

Federal milk order marketing area	Producer deliveries used in Class II		Class II utilization		Producer deliveries used in Class II		Class II utilization	
	Dec 1998	Dec 1997	Dec 1998	Dec 1997	Year to date 1998	Year to date 1997	Year to date 1998	Year to date 1997
	1,000 pounds		Percent		1,000 pounds		Percent	
<u>North Atlantic</u>								
New England	76,068	69,020	15.3	14.3	1,050,418	978,441	18.2	17.9
New York-New Jersey	134,077	147,132	13.7	14.7	1,781,835	1,878,532	15.0	16.0
Middle Atlantic	108,244	87,395	20.2	17.0	1,440,390	1,261,600	22.9	19.5
Regional Average or Total	318,389	303,547	15.8	15.2	4,272,643	4,118,573	17.8	17.4
<u>Southeastern</u>								
Carolina	35,217	28,291	13.6	11.3	417,014	371,491	14.0	13.3
Tennessee Valley 2/	---	---	---	---	---	126,960	---	12.0
Southeast	41,398	39,276	8.2	7.5	503,294	495,184	8.6	8.8
Florida Markets 5/	18,420	19,901	7.5	7.8	226,091	253,578	8.1	8.7
Regional Average or Total 3/	18,420	19,901	7.5	7.8	226,091	253,578	8.1	8.7
<u>East North Central</u>								
Michigan Upper Peninsula	62	476	1.3	8.3	2,216	4,057	3.5	6.1
Southern Michigan	63,753	58,952	17.4	16.7	937,348	1,003,409	21.7	22.9
East. Ohio-West. Pennsylvania	23,515	20,230	8.1	7.2	308,010	273,368	9.3	8.2
Ohio Valley	51,990	55,038	20.8	20.9	726,510	744,546	24.4	24.5
Indiana	32,900	32,723	20.0	19.4	465,080	475,014	24.1	24.2
Chicago Regional	81,748	76,494	14.7	7.0	993,215	964,150	9.1	7.5
Central Illinois	262	99	1.5	0.6	9,787	5,776	4.9	3.1
South. Illinois-East. Missouri	27,176	30,136	22.7	19.7	403,901	412,229	22.4	21.1
Louisville-Lexington-Evansville	12,294	13,061	11.1	11.0	162,025	142,031	12.2	11.9
Regional Average or Total 3/	281,406	274,148	15.9	11.7	3,846,067	3,882,549	15.1	14.0

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See footnotes on page 44.

TABLE 10--PRODUCER DELIVERIES OF MILK USED IN CLASS II BY HANDLERS REGULATED UNDER FEDERAL ORDERS,  
BY MARKETING AREA, DECEMBER AND YEAR TO DATE--CONT.

Federal milk order marketing area	Producer deliveries used in Class II		Class II utilization		Producer deliveries used in Class II		Class II utilization	
	Dec 1998	Dec 1997	Dec 1998	Dec 1997	Year to date 1998	Year to date 1997	Year to date 1998	Year to date 1997
	1,000 pounds		Percent		1,000 pounds		Percent	
<u>West North Central</u>								
Upper Midwest								
Iowa g/	28,042	29,419	11.1	3.5	410,212	384,266	5.8	4.5
Nebraska-Western Iowa	10,047	11,923	6.3	4.1	142,398	95,955	5.4	3.5
Greater Kansas City-E. S. Dak. 7/ g/	14,085	11,255	13.1	7.9	188,534	209,599	12.2	12.9
Regional Average or Total 3/	---	---	---	---	---	---	---	---
	42,127	40,674	11.7	4.2	598,746	593,865	6.9	5.8
<u>West South Central</u>								
Southwest Plains								
Texas	24,692	25,765	9.9	11.2	406,455	426,596	13.8	13.9
Regional Average or Total	78,271	78,675	17.7	15.6	1,173,915	1,153,991	20.1	18.1
	102,963	104,440	14.9	14.2	1,580,370	1,580,587	18.0	16.7
<u>Mountain</u>								
East. Colorado-West. Colorado 7/	15,343	15,191	10.7	10.2	204,699	195,346	12.5	11.1
Southwestern Idaho-Eastern Ore.	5,074	6,222	8.4	5.8	78,448	81,418	5.5	3.7
Great Basin	17,667	15,898	9.6	8.0	241,750	231,074	11.9	9.8
Central Arizona	12,403	14,367	5.4	6.7	197,625	186,110	7.8	7.6
New Mexico-West Texas	6,537	4,894	7.5	2.6	88,518	82,389	4.8	3.9
Regional Average or Total	57,024	56,572	8.1	6.6	811,040	776,337	8.6	7.1
<u>Pacific</u>								
Pacific Northwest	48,038	46,581	8.6	8.7	583,206	565,384	8.8	8.8
Regional Average or Total	48,038	46,581	8.6	8.7	583,206	565,384	8.8	8.8
25-Market Average or Total 3/ g/	868,367	845,863	13.7	11.0	11,918,163	11,770,873	13.9	12.9
All-Market Average or Total g/	967,323	938,414	13.0	10.5	13,142,894	13,002,494	13.2	12.4

See footnotes on page 44.

TABLE 11--TOTAL PRODUCER DELIVERIES OF MILK AND PRODUCER DELIVERIES USED IN CLASS I BY HANDLERS REGULATED UNDER FEDERAL ORDERS, BY MARKETING AREA, JANUARY-DECEMBER, WITH COMPARISONS

Federal milk order marketing area	Total producer deliveries			Producer deliveries used in Class I			Class I utilization	
	1998	1997	Change 1998 from 1997	1998	1997	Change 1998 from 1997	1998	1997
	L,000 pounds	L,000 pounds	Percent	L,000 pounds	L,000 pounds	Percent	Percent	Percent
<b>North Atlantic</b>								
New England 6/	5,780,350	5,452,185	6.0	2,697,015	2,600,263	3.7	46.7	47.7
New York-New Jersey	11,904,765	11,772,292	1.1	4,844,690	4,716,663	2.7	40.7	40.1
Middle Atlantic	6,294,542	6,481,018	2.9-	2,720,353	2,949,557	7.8-	43.2	45.5
Regional Average or Total	23,979,657	23,705,495	1.2	10,262,058	10,266,483	0.0	42.8	43.3
<b>Southeastern</b>								
Carolina	2,986,956	2,798,112	6.7	2,425,159	2,231,011	8.7	81.2	79.7
Tennessee Valley 2/	---	1,060,842	---	---	823,941	---	---	77.7
Southeast	5,882,210	5,651,148	4.1	4,695,382	4,272,841	9.9	79.8	75.6
Florida Markets 5/	2,806,804	2,908,597	3.5-	2,441,756	2,460,346	.8-	87.0	84.6
Regional Average or Total 3/	2,806,804	2,908,597	3.5-	2,441,756	2,460,346	.8-	87.0	84.6
<b>East North Central</b>								
Michigan Upper Peninsula 6/	63,203	66,268	4.6-	51,760	51,185	1.1	81.9	77.2
Southern Michigan 6/	4,324,645	4,381,636	1.3-	2,093,356	2,050,321	2.1	48.4	46.8
East. Ohio-West. Pennsylvania 6/	3,301,254	3,317,920	.5-	1,733,632	1,731,461	0.1	52.5	52.2
Ohio Valley 6/	2,976,233	3,035,734	2.0-	1,640,555	1,655,325	.9-	55.1	54.5
Indiana 6/	1,932,400	1,960,391	1.4-	1,203,584	1,214,567	.9-	62.3	62.0
Chicago Regional 6/	10,893,991	12,799,499	14.9-	2,696,419	2,747,311	1.9-	24.8	21.5
Central Illinois 6/	199,027	186,427	6.8	158,712	148,247	7.1	79.7	79.5
South. Illinois-East. Missouri 6/	1,800,417	1,951,599	7.7-	1,013,303	1,033,763	2.0-	56.3	53.0
Louisville-Lexington-Evansville	1,332,635	1,189,348	12.0	1,043,097	912,417	14.3	78.3	76.7
Regional Average or Total 3/	25,491,170	27,699,474	8.0-	10,591,321	10,632,180	.4-	41.5	38.4

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See footnotes on page 44.

TABLE 11--TOTAL PRODUCER DELIVERIES OF MILK AND PRODUCER DELIVERIES USED IN CLASS I BY HANDLERS REGULATED UNDER FEDERAL ORDERS,  
BY MARKETING AREA, JANUARY-DECEMBER, WITH COMPARISONS--CONT.

Federal milk order marketing area	Total producer deliveries			Producer deliveries used in Class I			Class I utilization	
	1998	1997	Change 1998 from 1997	1998	1997	Change 1998 from 1997	1998	1997
	1,000 pounds	1,000 pounds	Percent	1,000 pounds	1,000 pounds	Percent	Percent	Percent
<u>West North Central</u>								
Upper Midwest 6/	7,117,526	8,611,722	17.4-	1,639,506	1,608,864	1.9	23.0	18.7
Iowa 6/ g/	2,647,087	2,735,846	3.2-	926,461	671,098	38.1	35.0	24.5
Nebraska-Western Iowa 6/	1,544,702	1,619,461	4.6-	621,400	612,114	1.5	40.2	37.8
Greater Kansas City-E. S. Dak. 6/ 7/ g/	542,539	495,084	9.6	---	---	---	---	---
Regional Average or Total 3/	8,662,228	10,231,183	15.3-	2,260,906	2,220,978	1.8	26.1	21.7
<u>West South Central</u>								
Southwest Plains 6/	2,940,463	3,078,562	4.5-	1,446,373	1,466,312	1.4-	49.2	47.6
Texas 6/	5,843,114	6,369,179	8.3-	3,215,173	3,282,181	2.0-	55.0	51.5
Regional Average or Total	8,783,577	9,447,741	7.0-	4,661,546	4,748,493	1.8-	53.1	50.3
<u>Mountain</u>								
East, Colorado-West, Colorado 6/ 7/	1,638,061	1,759,324	6.9-	834,299	813,148	2.6	50.9	46.2
Southwestern Idaho-Eastern Ore. 6/	1,438,754	2,219,962	35.2-	184,533	183,190	0.7	12.8	8.3
Great Basin 6/	2,028,865	2,359,602	14.0-	896,974	879,627	2.0	44.2	37.3
Central Arizona 6/	2,545,390	2,436,196	4.5	999,493	1,019,310	1.9-	39.3	41.8
New Mexico-West Texas 6/	1,833,867	2,109,306	13.1-	638,084	648,258	1.6-	34.8	30.7
Regional Average or Total	9,484,937	10,884,390	12.9-	3,553,383	3,543,533	0.3	37.5	32.6
<u>Pacific</u>								
Pacific Northwest 6/	6,622,613	6,417,142	3.2	2,111,713	2,134,150	1.1-	31.9	33.3
Regional Average or Total	6,622,613	6,417,142	3.2	2,111,713	2,134,150	1.1-	31.9	33.3
25-Market Average or Total 3/ g/	85,830,986	91,294,022	6.0-	35,882,683	36,006,163	0.3-	41.8	39.4
All Market Average or Total g/	99,222,413	105,224,402	5.7-	44,972,782	44,917,471	0.1	45.3	42.7

See footnotes on page 44.



TABLE 12--WHOLE MILK PRODUCTS AND FAT-REDUCED MILK PRODUCTS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, OCTOBER 1998, WITH COMPARISONS 1/

Marketing area	Whole milk products 2/				Fat-reduced milk products 3/				Total fluid milk products			
	Oct 1998		Change 1998 from 1997		Oct 1998		Change 1998 from 1997		Oct 1998		Change 1998 from 1997	
	Sales	Butter-fat content	Oct	Year to date 4/	Sales	Butter-fat content	Oct	Year to date 4/	Sales	Butter-fat content	Oct	Year to date 4/
	Mil. lb.		Percent		Mil. lb.		Percent		Mil. lb.		Percent	
<u>North Atlantic</u>												
New England	85.3	3.15	1.8-	.2-	139.7	1.05	1.6	.8-	225.1	1.84	0.3	.6-
Middle Atlantic	85.3	3.26	.1-	1.9-	159.2	1.17	1.1	.6	244.4	1.90	0.7	.3-
Regional Total	170.6	3.20	1.0-	1.0-	298.9	1.11	1.3	.1-	469.5	1.87	0.5	.4-
<u>Southeastern</u>												
Carolina	75.3	3.27	9.2-	7.8-	101.3	1.20	7.1	6.8	176.6	2.08	.5-	.0
Tennessee Valley 4/	---	---	---	---	---	---	---	---	---	---	---	---
Southeast	170.8	3.24	.7-	1.1-	232.9	1.29	2.8-	1.7-	403.7	2.11	1.9-	1.4-
Upper Florida	30.0	3.30	10.8	6.2	46.2	1.17	6.1	1.3-	76.2	2.01	7.9	1.6
Tampa Bay	31.1	3.31	29.1	3.4	45.2	1.07	2.4-	1.3-	76.3	1.98	8.4	.5
Southeastern Florida	41.8	3.31	2.2	1.9	41.1	1.07	1.1	1.1	82.9	2.20	1.6	1.5
Regional Total 5/	349.0	3.27	.6	1.3-	466.7	1.22	0.4	.4	815.6	2.09	0.5	.4-
<u>East North Central</u>												
Michigan Upper Peninsula	1.0	3.27	15.4-	13.6-	7.4	1.30	0.2	.3-	8.4	1.53	1.9-	2.1-
Southern Michigan	48.1	3.25	1.5	3.2	114.0	1.24	2.5	1.3-	162.1	1.84	2.2	.0
E. Ohio-W. Pa.	39.1	3.24	5.1	1.7-	109.1	1.37	1.8	1.5-	148.2	1.87	2.7	1.5-
Ohio Valley	43.8	3.23	3.4	.2	120.3	1.43	1.6-	2.3-	164.1	1.91	.3-	1.7-
Indiana	21.6	3.32	8.7	3.4	82.7	1.38	0.2	.1	104.3	1.78	1.8	.8
Chicago Regional	49.4	3.25	1.0-	.1	191.4	1.27	.3-	.1	240.9	1.68	.4-	.1
Central Illinois	2.9	3.27	2.1-	2.6	15.0	1.41	2.4-	.8	17.9	1.72	2.3-	1.1
S. Ill.-E. Missouri	17.2	3.22	1.9	6.1	62.7	1.37	2.2	.1	79.9	1.77	2.1	1.4
Louis.-Lex.-Evans	15.9	3.36	11.9	7.0	43.5	1.38	6.4	.3-	59.4	1.91	7.8	1.6
Regional Total	239.1	3.26	3.0	1.6	746.0	1.34	0.8	.7-	985.2	1.80	1.3	.2-

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See footnotes on pages 44 and 45.

TABLE 12--WHOLE MILK PRODUCTS AND FAT-REDUCED MILK PRODUCTS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, OCTOBER 1998, WITH COMPARISONS 1/-CONT.

Marketing area	Whole milk products 2/					Fat-reduced milk products 3/					Total fluid milk products				
	Oct 1998		Change 1998 from 1997			Oct 1998		Change 1998 from 1997			Oct 1998		Change 1998 from 1997		
	Sales	Butter-fat content	Oct	Year to date 4/	Percent	Sales	Butter-fat content	Oct	Year to date 4/	Percent	Sales	Butter-fat content	Oct	Year to date 4/	Percent
<u>West North Central</u>															
Upper Midwest	13.0	3.31	3.8	1.1-		121.6	1.02	1.7	.3		134.6	1.24	1.9	.1	
Eastern South Dakota	0.9	3.35	5.0-	3.7		8.7	1.27	7.0-	1.2		9.7	1.47	6.8-	1.4	
Iowa	7.6	3.30	1.0-	.5-		53.5	1.16	1.0	.1-		61.1	1.43	0.7	.1-	
Nebraska-Western Iowa	7.3	3.27	1.4	.3		35.1	1.22	1.6	.8-		42.4	1.57	1.5	.6-	
Greater Kansas City	11.6	3.25	.4-	.8		36.0	1.24	0.2	.9		47.7	1.73	0.0	.9	
Regional Total	40.4	3.28	1.0	.1-		255.0	1.12	1.0	.2		295.4	1.41	1.0	.1	
<u>West South Central</u>															
Southwest Plains	41.2	3.31	.1-	.3		64.6	1.31	3.0-	1.6-		105.8	2.09	1.9-	.8-	
Texas	136.1	3.29	2.3	.6		157.7	1.29	1.7	1.2		293.8	2.22	2.0	.9	
Regional Total	177.3	3.30	1.7	.5		222.3	1.29	0.3	.4		399.6	2.18	0.9	.4	
<u>Mountain</u>															
Eastern Colorado	17.9	3.32	.2-	.7-		47.2	1.32	1.1-	1.7-		65.1	1.87	.9-	1.4-	
Western Colorado	2.1	3.32	11.2	10.2		5.4	1.40	7.3	4.7		7.4	1.94	8.3	6.1	
SW. Idaho-E. Oregon	2.9	3.31	2.9	.5		13.1	1.44	1.1-	.4		16.0	1.79	.4-	.4	
Great Basin	17.8	3.32	4.1	2.0		65.8	1.39	1.2	1.2		83.7	1.80	1.8	1.4	
Central Arizona	26.6	3.09	5.0	4.1		56.2	1.38	2.8-	5.1-		82.8	1.93	.4-	2.4-	
New Mex.-W. Texas	29.3	3.32	4.8-	4.0-		26.2	1.38	3.8-	2.5-		55.5	2.41	4.3-	3.3-	
Regional Total	96.7	3.25	.8	.2		213.8	1.38	1.0-	1.6-		310.6	1.96	.5-	1.1-	
<u>Pacific</u>															
Pacific Northwest	34.4	3.23	3.2	3.6		162.1	1.34	1.6-	2.4-		196.4	1.67	.8-	1.5-	
Regional Total	34.4	3.23	3.2	3.6		162.1	1.34	1.6-	2.4-		196.4	1.67	.8-	1.5-	
Combined Areas (30) 5/6/	1,107.4	3.26	1.2	0.1-		2,364.9	1.26	0.4	0.4-		3,472.3	1.90	0.7	0.3-	
Combined Areas Adj. for Calendar Composition 7/	1,090.3	---	0.9	0.1-		2,330.2	---	0.2-	0.5-		3,419.7	---	0.2	0.3-	
New York-New Jersey	184.4	---	---	---		187.3	---	---	---		371.7	---	1.2	1.4-	

See footnotes on pages 44 and 45.

TABLE 13--WHOLE MILK PRODUCTS AND FAT-REDUCED MILK PRODUCTS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, NOVEMBER 1998, WITH COMPARISONS 1/

Marketing area	Whole milk products 2/				Fat-reduced milk products 3/				Total fluid milk products			
	Nov 1998		Change 1998 from 1997		Nov 1998		Change 1998 from 1997		Nov 1998		Change 1998 from 1997	
	Sales	Butter-fat content	Nov	Year to date 4/	Sales	Butter-fat content	Nov	Year to date 4/	Sales	Butter-fat content	Nov	Year to date 4/
	Mil. lb.		Percent		Mil. lb.		Percent		Mil. lb.		Percent	
<u>North Atlantic</u>												
New England	79.1	3.13	2.9-	.4-	129.0	1.06	0.5	.7-	208.1	1.84	.8-	.6-
Middle Atlantic	79.4	3.27	2.7-	2.0-	147.3	1.17	0.2	.5	226.7	1.91	.8-	.4-
Regional Total	158.5	3.20	2.8-	1.2-	276.3	1.12	0.4	.0	434.8	1.88	.8-	.5-
<u>Southeastern</u>												
Carolina	69.0	3.27	6.6-	7.7-	92.4	1.20	9.8	7.0	161.3	2.08	2.1	.2
Tennessee Valley 4/	---	---	---	---	---	---	---	---	---	---	---	---
Southeast	159.8	3.24	2.3	.8-	212.8	1.29	3.1-	1.8-	372.6	2.12	.9-	1.4-
Upper Florida	28.7	3.25	12.4	6.8	43.2	1.16	5.5	.7-	71.9	1.99	8.1	2.2
Tampa Bay	29.0	3.24	1.9-	2.9	41.7	1.10	6.9-	1.8-	70.7	1.98	4.9-	.1
Southeastern Florida	40.0	3.32	2.7	2.0	39.3	1.08	0.6	1.0	79.3	2.21	1.7	1.5
Regional Total 5/	326.5	3.26	.8	1.1-	429.3	1.22	0.2	.4	755.8	2.10	.4	.3-
<u>East North Central</u>												
Michigan Upper Peninsula	0.9	3.34	15.0-	13.7-	7.0	1.31	2.4	.0	7.9	1.54	.1	1.9-
Southern Michigan	45.7	3.23	2.1	3.1	104.9	1.26	1.2	1.1-	150.6	1.86	1.4	.2
E. Ohio-W. Pa.	37.7	3.21	5.1	1.1-	101.9	1.39	0.3	1.3-	139.6	1.88	1.5	1.3-
Ohio Valley	40.3	3.23	1.0	.3	113.0	1.43	1.3-	2.2-	153.3	1.90	.7-	1.6-
Indiana	19.6	3.29	7.0	3.7	77.5	1.37	1.4	.2	97.2	1.75	2.5	.9
Chicago Regional	46.0	3.25	2.8-	.2-	177.6	1.26	1.8-	.1-	223.6	1.67	2.0-	.1-
Central Illinois	2.7	3.28	5.6-	1.8	13.7	1.40	4.3-	.4	16.4	1.71	4.5-	.6
S. Ill.-E. Missouri	16.3	3.23	2.0	5.7	59.3	1.37	3.4	.4	75.6	1.77	3.1	1.6
Louis.-Lex.-Evans	15.2	3.33	11.0	7.4	39.9	1.38	3.5	.0	55.1	1.92	5.4	1.9
Regional Total	224.4	3.24	2.1	1.6	694.7	1.34	0.1	.7-	919.1	1.80	.6	.1-

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See footnotes on pages 44 and 45.



TABLE 13--WHOLE MILK PRODUCTS AND FAT-REDUCED MILK PRODUCTS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, NOVEMBER 1998, WITH COMPARISONS 1/--CONT.

Marketing area	Whole milk products 2/				Fat-reduced milk products 3/				Total fluid milk products			
	Nov 1998		Change 1998 from 1997		Nov 1998		Change 1998 from 1997		Nov 1998		Change 1998 from 1997	
	Sales	Butter-fat content	Nov	Year to date 4/	Sales	Butter-fat content	Nov	Year to date 4/	Sales	Butter-fat content	Nov	Year to date 4/
	Mil. lb.		Percent		Mil. lb.		Percent		Mil. lb.		Percent	
<u>West North Central</u>												
Upper Midwest	12.2	3.31	9.7	.2-	114.9	1.04	3.4	.6	127.1	1.26	4.0	.5
Eastern South Dakota	0.9	3.27	1.4	3.5	8.1	1.26	3.1-	.8	9.0	1.46	2.6-	1.0
Iowa	7.1	3.29	2.0-	.6-	49.8	1.17	0.8	.0	56.9	1.44	.4	.1-
Nebraska-Western Iowa	6.9	3.30	.4	.3	32.8	1.20	0.4	.7-	39.7	1.57	.4	.5-
Greater Kansas City	10.9	3.25	1.3	.8	33.4	1.26	1.2	1.0	44.3	1.75	1.3	.9
Regional Total	38.0	3.29	3.0	.2	239.0	1.13	1.9	.3	277.0	1.42	2.1	.3
<u>West South Central</u>												
Southwest Plains	38.9	3.32	1.4	.4	61.3	1.32	.4-	1.5-	100.1	2.10	.3	.7-
Texas	125.1	3.29	1.1	.6	143.6	1.30	1.1	1.2	268.7	2.23	1.1	.9
Regional Total	164.0	3.30	1.2	.6	204.9	1.31	0.6	.4	368.9	2.19	.9	.5
<u>Mountain</u>												
Eastern Colorado	16.5	3.31	.5	.6-	43.2	1.31	.7-	1.6-	59.7	1.87	.3-	1.3-
Western Colorado	1.9	3.30	13.5	10.5	4.9	1.39	3.6	4.6	6.7	1.92	6.2	6.1
SW, Idaho-E. Oregon	2.8	3.32	10.1	1.3	12.3	1.41	2.7	.6	15.1	1.76	4.0	.7
Great Basin	16.4	3.31	5.0	2.3	59.8	1.39	2.8	1.3	76.2	1.81	3.2	1.5
Central Arizona	24.7	3.11	8.9	4.5	55.1	1.36	1.7	4.5-	79.8	1.91	3.8	1.8-
New Mex.-W. Texas	26.7	3.35	4.4-	4.1-	24.2	1.41	.4-	2.3-	50.9	2.43	2.5-	3.3-
Regional Total	89.0	3.27	2.5	.4	199.4	1.37	1.3	1.3-	288.4	1.96	1.7	.8-
<u>Pacific</u>												
Pacific Northwest	32.0	3.27	3.1	3.6	153.0	1.34	0.6	2.2-	185.1	1.67	1.0	1.2-
Regional Total	32.0	3.27	3.1	3.6	153.0	1.34	0.6	2.2-	185.1	1.67	1.0	1.2-
Combined Areas (30) 5/6/	1,032.4	3.25	0.8	0.0	2,196.6	1.26	0.5	0.4-	3,229.0	1.90	0.6	0.2-
Combined Areas Adj. for Calendar Composition 7/	1,053.6	---	0	0.1-	2,233.5	---	0.1	0.4-	3,289.5	---	0.1-	0.3-
New York-New Jersey	172.6	---	---	---	173.5	---	---	---	346.1	---	1.4-	1.4-

See footnotes on pages 44 and 45.



TABLE 14--PACKAGED SALES OF INDIVIDUAL WHOLE MILK PRODUCTS AND FAT-REDUCED MILK, PRODUCTS IN SELECTED MARKETING AREAS  
DEFINED BY FEDERAL MILK ORDERS, JANUARY 1998 TO DATE, WITH COMPARISONS 1/6/8/-CONT.

Product Name	July			August			September		
	Sales	Bf. content	Change 1998 from 1997		Sales	Bf. content	Change 1998 from 1997		Year to date 5/
			Month	Year to date 5/			Month	Year to date 5/	
Whole Milk Products 2/	Mil. lb.		Percent		Mil. lb.		Percent		Percent
Whole Milk	1,075	3.26	2.2	0.3-	1,069	3.26	0.1	0.3-	0.4
Flavored Whole Milk Products	1,019	3.25	1.8	0.9-	1,012	3.25	0.6-	0.8-	0.8-
	55	3.45	11.4	11.6	57	3.45	14.2	11.9	12.1
Fat-Reduced Milk Products 3/	2,082	1.28	1.1	0.5-	2,160	1.27	0.1-	0.4-	0.5-
Reduced Fat Milk (2%)	1,060	1.97	1.1-	2.1-	1,083	1.97	1.5-	2.0-	2.1-
Lowfat Milk (1%)	344	1.02	5.4	0.1	344	0.99	0.9	0.2	0.8
Fat-Free Milk (Skim)	561	0.15	1.8	1.1	569	0.15	0.6-	0.9	1.5-
Flavored Fat-Reduced Milk Products	61	1.26	8.3	5.0	111	1.13	14.6	5.9	0.6
Buttermilk	42	1.11	0.9	0.7-	41	1.10	2.3-	0.9-	5.1
Total Fluid Milk Products	3,157	1.95	1.5	0.4-	3,229	1.93	0	0.4-	1.4-
Total Adjusted for Calendar Composition 7/	3,122	1.95	1.0	0.6-	3,282	1.93	0.2	0.5-	0.9-
Product Name		October	5/			November	5/		December
Whole Milk Products 2/	1,107	3.26	1.2	0.1-	1,032	3.25	0.8	0	0.4-
Whole Milk	1,046	3.25	0.5	0.6-	974	3.25	0.4-	0.6-	0.3
Flavored Whole Milk Products	61	3.32	13.4	12.3	59	3.26	27.6	13.6	0.3
Fat-Reduced Milk Products 3/	2,365	1.26	0.4	0.4-	2,197	1.26	0.5	0.4-	0.4-
Reduced Fat Milk (2%)	1,138	1.97	0.7-	1.9-	1,065	1.97	0.5-	1.8-	0.4-
Lowfat Milk (1%)	374	0.99	1.1	0.3	346	0.99	1.7	0.4	0.6
Fat-Free Milk (Skim)	593	0.15	1.4	0.7	552	0.15	0.2-	0.6	0.6
Flavored Fat-Reduced Milk Products	204	1.05	3.2	4.8	178	1.07	6.6	5.0	0.6
Buttermilk	42	1.11	4.1-	1.7-	44	1.11	0.7-	1.6-	0.6
Total Fluid Milk Products	3,472	1.90	0.7	0.3-	3,229	1.90	0.6	0.2-	0.3-
Total Adjusted for Calendar Composition 7/	3,420	1.90	0.2	0.3-	3,290	1.90	0.1-	0.3-	0.3-

See footnotes on pages 44 and 45.

TABLE 15--PACKAGED SALES OF WHOLE MILK PRODUCTS, FAT-REDUCED MILK PRODUCTS, MILK AND CREAM MIXTURES, CREAM PRODUCTS, AND TOTAL FLUID PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, OCTOBER 1998, WITH COMPARISONS 2/

Region 10/	Whole milk products 2/			Fat-reduced milk products 3/			Milk and cream mixtures			Cream products 11/			Total fluid products 12/		
	Sales	Bf. Content	Change 1998 from 1997 10/	Sales	Bf. Content	Change 1998 from 1997 10/	Sales	Bf. Content	Change 1998 from 1997 10/	Sales	Bf. Content	Change 1998 from 1997 10/	Sales	Bf. Content	Change 1998 from 1997 10/
	Mil. lb.	Percent		Mil. lb.	Percent		Mil. lb.	Percent		Mil. lb.	Percent		Mil. lb.	Percent	
North Atlantic	160	3.29	1.5-	298	1.11	0.9	8.2	10.9	4.5-	10.0	21.2	1.8	491	2.40	0.7
Southeastern	370	3.26	10.0	495	1.23	0.2	6.7	12.0	1.5	7.5	24.0	11.8-	882	2.36	3.1
East North Central	260	3.25	.6	780	1.35	2.5-	10.5	10.9	9.2-	25.0	20.0	12.6	1,124	2.32	1.6-
West North Central	42	3.28	12.5	276	1.13	11.6	3.1	10.8	4.3	6.8	22.4	16.3-	331	1.93	10.8
West South Central	184	3.29	2.4	233	1.29	0.0	3.1	11.0	21.5-	5.4	25.8	21.5-	428	2.54	0.3
Mountain	96	3.25	.3-	220	1.38	0.2	7.0	10.6	3.2-	7.0	24.3	1.2-	337	2.59	0.0
Pacific	32	3.23	2.7	155	1.34	1.8-	3.4	10.9	1.2	5.6	21.1	4.1-	209	2.32	.4-
Total of Regions	1,145	3.26	2.1	2,458	1.27	0.5	41.9	11.0	5.8-	67.4	21.9	.8-	3,803	2.36	0.9

See footnotes on pages 44 and 45.



TABLE 16--PACKAGED SALES OF WHOLE MILK PRODUCTS, FAT-REDUCED MILK PRODUCTS, MILK AND CREAM MIXTURES, CREAM PRODUCTS, AND TOTAL FLUID PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, NOVEMBER 1998, WITH COMPARISONS 9/

Region 10/	Whole milk products 2/			Fat-reduced milk products 3/			Milk and cream mixtures			Cream products 11/			Total fluid products 12/		
	Sales	Bf. Content	Change 1998 from 1997 10/	Sales	Bf. Content	Change 1998 from 1997 10/	Sales	Bf. Content	Change 1998 from 1997 10/	Sales	Bf. Content	Change 1998 from 1997 10/	Sales	Bf. Content	Change 1998 from 1997 10/
	Mil. lb.	Percent		Mil. lb.	Percent		Mil. lb.	Percent		Mil. lb.	Percent		Mil. lb.	Percent	
North Atlantic	150	3.27	3.7-	274	1.12	1.9-	7.6	11.1	10.0-	9.6	21.9	0.5	462	2.49	1.3-
Southeastern	348	3.25	2.9	454	1.23	2.4-	7.0	12.2	.8-	8.9	23.9	5.0	828	2.45	.2-
East North Central	247	3.24	3.0	729	1.35	.8	12.0	11.1	.9-	26.8	20.3	9.8	1,065	2.43	2.5
West North Central	39	3.28	2.0	259	1.14	2.4	3.3	10.8	1.9	7.4	22.7	32.0-	313	2.05	.9
West South Central	168	3.29	.6	208	1.30	2.4-	3.1	11.1	24.9-	5.3	26.2	31.0-	389	2.62	2.2-
Mountain	89	3.26	3.5	205	1.37	1.7	8.5	10.7	7.6	9.3	24.9	13.3	322	2.90	2.9
Pacific	30	3.27	3.1	146	1.34	1.2	3.4	10.9	.9	7.6	19.6	11.2	202	2.54	2.2
Total of Regions	1,071	3.26	1.2	2,276	1.27	.2	44.9	11.2	3.2-	74.9	22.1	2.3-	3,582	2.48	.9

See footnotes on pages 44 and 45.

TABLE 17--PACKAGED SALES OF MILK AND CREAM MIXTURES, CREAM PRODUCTS, YOGURT, AND EGGNOG BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, JANUARY 1998 TO DATE, WITH COMPARISONS 10/11/

Product Name	January				February				March			
	Sales	Bf. content	Change 1998 from 1997 11/		Sales	Bf. content	Change 1998 from 1997 11/		Sales	Bf. content	Change 1998 from 1997 11/	
			Month	Year to date			Month	Year to date			Month	Year to date
	1000 lb.		Percent		1000 lb.		Percent		1000 lb.		Percent	
Milk and Cream Mixtures	39,127	11.0	2.4	2.4	36,736	11.2	0.6	1.5	44,674	11.7	2.2	1.8
Total Cream Products	57,971	21.2	1.7	1.7	54,117	22.2	5.5	3.5	65,336	21.2	3.7	3.6
Light Cream	6,434	18.3	15.1	15.1	6,089	18.3	10.9	13.0	6,883	18.5	11.8	12.6
Heavy Cream	15,516	36.9	2.5-	2.5-	16,717	37.5	7.9	2.7	18,594	37.2	5.2-	0.3-
Sour Cream	36,021	15.0	1.3	1.3	31,312	14.9	3.2	2.1	39,858	14.1	6.9	3.9
Yogurt	79,174	1.9	12.1-	12.1-	78,278	2.0	12.9-	12.5-	95,171	1.9	1.1	7.8-
Eggnog	4	9.9	---	---	0	---	---	---	172	6.0	---	---
Product Name	April				May				June			
	Sales	Bf. content	Change 1998 from 1997 11/		Sales	Bf. content	Change 1998 from 1997 11/		Sales	Bf. content	Change 1998 from 1997 11/	
			Month	Year to date			Month	Year to date			Month	Year to date
Milk and Cream Mixtures	41,851	11.1	6.1	2.9	42,168	11.1	6.7-	0.8	42,556	11.6	8.2	1.9
Total Cream Products	65,254	22.0	10.9	5.4	66,087	22.1	1.4	4.5	70,193	21.5	9.4	5.4
Light Cream	6,934	18.4	13.6	12.8	7,169	18.5	5.9	11.3	7,904	18.4	15.8	12.1
Heavy Cream	20,316	37.1	15.2	3.5	20,412	37.2	4.2	3.7	20,803	36.9	10.2	4.8
Sour Cream	38,004	14.6	8.3	5.0	38,507	14.8	0.8-	3.7	41,486	14.5	7.8	4.4
Yogurt	86,252	1.8	5.9-	7.4-	86,278	1.9	10.6	4.2-	91,572	1.5	1.3	3.3-
Eggnog	136	6.1	---	---	0	---	---	---	0	---	---	---

CONTINUED

See footnotes on pages 44 and 45.

TABLE 17--PACKAGED SALES OF MILK AND CREAM MIXTURES, CREAM PRODUCTS, YOGURT, AND EGGNOG BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, JANUARY 1998 TO DATE, WITH COMPARISONS 10/11/--CONT.

Product Name	July				August				September			
	Sales	Bf. content	Change 1998 from 1997 11/		Sales	Bf. content	Change 1998 from 1997 11/		Sales	Bf. content	Change 1998 from 1997 11/	
			Month	Year to date			Month	Year to date			Month	Year to date
	100 lb.		Percent		1000 lb.		Percent		1000 lb.		Percent	
Milk and Cream Mixtures	42,383	11.1	3.6	2.2	41,211	11.1	0.6-	1.8	40,378	11.1	1.1-	1.5
Total Cream Products	68,161	22.1	4.4	5.2	64,785	21.7	1.4	4.8	63,455	21.6	0.4	4.3
Light Cream	7,714	18.4	7.7	11.4	7,516	18.3	6.7	10.8	8,250	18.2	19.7	11.8
Heavy Cream	21,049	36.6	8.3	5.3	19,049	36.8	0.6-	4.5	18,641	36.2	2.0-	3.8
Sour Cream	39,398	15.1	1.9	4.1	38,220	14.9	1.3	3.7	36,565	14.8	2.3-	3.0
Yogurt	88,653	1.6	4.0	3.4	89,893	1.5	4.5-	3.5-	88,677	1.6	9.6-	4.3-
Eggnog	0	---	---	---	11	8.4	---	---	119	7.0	---	---
Product Name	October				November				December			
	Sales	Bf. content	Change 1998 from 1997 11/		Sales	Bf. content	Change 1998 from 1997 11/		Sales	Bf. content	Change 1998 from 1997 11/	
			Month	Year to date			Month	Year to date			Month	Year to date
Milk and Cream Mixtures	41,946	11.0	5.8-	0.7	44,915	11.2	3.2-	0.3				
Total Cream Products	67,377	21.9	0.8-	3.7	74,863	22.1	2.3-	3.1				
Light Cream	8,286	18.4	12.8	11.9	7,653	18.3	7.3	11.5				
Heavy Cream	21,371	34.9	5.4	4.0	24,164	36.5	1.7-	3.3				
Sour Cream	37,720	15.2	6.5-	2.0	43,046	14.6	4.1-	1.4				
Yogurt	84,574	1.5	0	3.9-	82,741	1.5	23.5	2.0-				
Eggnog	5,608	7.5	---	---	32,967	6.8	---	---				

TABLE 18--MILK, SKIM MILK, AND CREAM UTILIZED IN THE MANUFACTURE OF DAIRY PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, OCTOBER 1998, WITH COMPARISONS 13/

Region 14/	Butter			Total cheese			Frozen /esserts			Cottage cheese			Nonfat dry milk			Total products 15/		
	Total	Bf. con- tent	Change 1998 from 1997 16/	Total	Bf. con- tent	Change 1998 from 1997 16/	Total	Bf. con- tent	Change 1998 from 1997 16/	Total	Bf. con- tent	Change 1998 from 1997 16/	Total	Bf. con- tent	Change 1998 from 1997 16/	Total	Bf. con- tent	Change 1998 from 1997 16/
	Mil. lb.	Percent		Mil. lb.	Percent		Mil. lb.	Percent		Mil. lb.	Percent		Mil. lb.	Percent		Mil. lb.	Percent	
North Atlantic	4	34.3	29.7	158	4.23	13.4	90	8.2	7.3-	15	0.94	13.2-	48	0.09	33.4-	371	5.56	6.2
Southeastern	22	28.4	98.1-	6	7.81	54.0-	64	10.2	3.8-	20	2.47	7.4	17/	---	---	165	0.82	14.3-
E. No. Central 18/	31	41.7	5.3	498	3.93	32.7-	102	8.8	14.1-	105	1.52	7.4-	2	0.00	253.4	871	5.57	18.5-
W. No. Central 18/	6	41.4	29.6	291	3.89	60.3-	38	12.2	12.3	17/	---	---	2	0.17	79.5-	373	5.23	45.4-
W. So. Central	5	40.6	31.6-	174	4.09	10.1-	64	5.7	23.3-	17	0.79	4.3-	0	---	---	306	4.54	19.2-
Mountain 18/	9	40.6	57.9	395	3.78	3.2-	23	8.0	16.3-	25	0.53	5.2	17/	---	---	500	4.26	3.0
Pacific	14	48.7	13.0	184	4.03	10.2	11	11.7	21.1-	21	0.66	4.9-	17/	---	---	362	4.47	7.0
Total of Regions	101	38.6	8.8	1,707	4.03	28.4-	392	8.7	10.5-	220	1.25	6.7-	205	0.20	9.5-	2,948	5.36	16.4-

See footnotes on pages 44 and 45.



TABLE 19--MILK, SKIM MILK, AND CREAM UTILIZED IN THE MANUFACTURE OF DAIRY PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK, ORDERS, GROUPED BY REGION, NOVEMBER 1998, WITH COMPARISONS 13/

Region 14/	Butter			Total cheese			Frozen desserts			Cottage cheese			Nonfat dry milk			Total products 15/		
	Total	Bf. con- tent	Change 1998 from 1997 16/	Total	Bf. con- tent	Change 1998 from 1997 16/	Total	Bf. con- tent	Change 1998 from 1997 16/	Total	Bf. con- tent	Change 1998 from 1997 16/	Total	Bf. con- tent	Change 1998 from 1997 16/	Total	Bf. con- tent	Change 1998 from 1997 16/
	Mil. lb.	Percent	Percent	Mil. lb.	Percent	Percent	Mil. lb.	Percent	Percent	Mil. lb.	Percent	Percent	Mil. lb.	Percent	Percent	Mil. lb.	Percent	Percent
North Atlantic	18	40.0	66.5	150	4.35	13.9	67	7.7	18.3-	15	1.66	29.1-	67	0.05	15.7-	367	5.71	13.2
Southeastern	15	24.9	94.9-	10	0.48	48.2-	53	10.5	3.0-	23	2.19	38.2	17/	---	---	156	9.24	15.3-
E. No. Central 19/	31	40.8	5.0-	380	4.13	64.4-	84	9.0	5.7-	93	1.51	24.4-	12	0.35	38.2	721	5.95	40.8-
W. No. Central 19/	12	41.5	151.5	73	5.20	88.6-	33	11.2	2.8	17/	---	---	57	0.07	599.2	205	6.52	66.8-
W. So. Central 19/	11	40.0	26.3	71	4.80	55.8-	51	6.5	10.4-	15	0.80	10.9	17/	---	---	199	6.31	23.6-
Mountain 19/	7	41.1	1.0	249	4.11	34.1-	21	9.7	25.9	24	0.54	12.8	17/	---	---	368	4.37	22.7-
Pacific	16	40.8	5.5	176	3.97	11.9	10	11.2	9.3-	20	0.76	27.5	17/	---	---	340	4.44	7.6
Total of Regions	110	38.5	15.9	1,109	4.39	58.6-	320	8.9	6.3-	206	1.30	17.5-	295	0.22	19.7	2,356	5.75	33.4-

See footnotes on pages 44 and 45.

FOOTNOTES FOR TABLES 2 AND 3.

1/ Prices are for milk of 3.5 percent butterfat content and for the major city in the marketing area. All averages are weighted.

2/ For those markets which have multiple component pricing (see table 21), the prices represent the Basic Formula Price plus the weighted average differential price or producer price differential computed under the order.

3/ For the 21 marketing areas where it currently is in effect, this price is applicable to producer milk used to produce nonfat dry milk.

4/ Zone 1 (Boston). Price at 201-210 mile zone: Class I and blend, 72 cents less. Class I and blend price at Hartford, 10 cents less.

5/ New York metropolitan area. Price at 201-210 mile zone: Class I and blend, 72 cents less; Class II and Class III, 8 cents less.

6/ Philadelphia, Baltimore, and Washington, D.C. Price excludes a 6-cent direct delivery differential applicable to milk delivered to the Philadelphia area.

7/ Charlotte.

8/ Bristol, Chattanooga, and Knoxville.

9/ Effective October 1, 1997, the order regulating the marketing area was terminated. See "Summary of Federal Milk Order Actions, October 1997" in FMOS-422.

10/ Zone 7 (Atlanta and Birmingham). Class I and blend price at Little Rock, 31 cents less; and at New Orleans, 57 cents more.

11/ Figures exclude, where applicable, Upper Florida, Southeastern Florida, Eastern South Dakota, and Western Colorado; some of the data used to weight the monthly prices are restricted. The individual Class I and blend price data for these markets are shown below. Class II and Class III prices are the same as the prices shown in the table for Carolina.

Marketing area	November				December			
	Class I		Blend		Class I		Blend	
	1998	1997	1998	1997	1998	1997	1998	1997
	-----Dollars-----							
Upper Florida	18.68	16.37	18.44	15.99	19.62	16.41	19.26	16.35
S. E. Florida	19.28	16.97	18.97	16.61	20.22	17.01	20.03	16.76
E. S. Dakota	16.60	14.29	16.61	13.61	17.54	14.33	17.42	13.74
W. Colorado	17.10	14.79	16.96	14.47	18.04	14.83	17.87	14.75

12/ Figures are based on the same group of comparable markets--markets where the orders were in effect the entire period 1997-98, and for which the data were not affected by marketing area changes. Excludes Tennessee Valley, Carolina, Southeast, and Louisville-Lexington-Evansville, where applicable. The termination of the Tennessee Valley order affected significantly the comparability of the data for these neighboring marketing areas; see 9/. Figures also exclude Greater Kansas City and Iowa, where applicable. Some of the data used to weigh the monthly prices for these markets are restricted.

13/ Zone II (Marquette).

14/ Individual handler pool. Blend prices are weighted average of all handlers.

15/ Zone 1 (Detroit). Price excludes a 10-cent direct delivery differential applicable to milk delivered to the Detroit metropolitan area.

16/ Cleveland and Pittsburgh.

17/ Zone 3 (Columbus). Class I and blend price at Cincinnati (Zone 4) 7 cents more.

18/ Indianapolis.

19/ Zone 1 Chicago). Class I and blend price at Milwaukee (Zone 4) 9 cents less.

20/ Peoria.

21/ Base Zone (Alton). Class I and blend price at Carbondale (Southern Zone) and at St. Louis 9 cents more.

22/ Zone 1 (Minneapolis).

23/ Zone 1 (Des Moines).

24/ Zone 1 (Omaha).

25/ Kansas City and Topeka.

26/ Zone 1 (Oklahoma City). Class I and blend price at Springfield, Mo., 58 cents less.

27/ Zone 1 (Dallas). Class I and blend price at Houston, 54 cents more.

28/ Denver.

29/ Boise, Idaho.

30/ Salt Lake City, Utah.

31/ Phoenix.

32/ Albuquerque, Santa Fe, and El Paso.

33/ Zone 1 (Seattle and Portland).

#### FOOTNOTES FOR TABLES 4 THROUGH 11.

1/ Prices are for milk of 3.5 percent butterfat content and for the major city in the marketing area. See footnotes on pages 42 and 43 for location at which price is reported. All averages are weighted.

2/ Effective October 1, 1997, the order regulating the marketing area was terminated.

3/ Figures are based on the same group of comparable markets--markets where the orders were in effect the entire period 1997-98, and for which the data were not affected by marketing area changes. Excludes Tennessee Valley, Carolina, Southeast, and Louisville-Lexington-Evansville, where applicable. See 2/. Figures also exclude Iowa, Greater Kansas City and Eastern South Dakota, where applicable. See 8/.

4/ Figures exclude, where applicable, Upper Florida, Southeastern Florida, Eastern South Dakota, and Western Colorado; some of the data used to weight the monthly prices are restricted.

5/ Data are a summation or weighted average of the Tampa Bay, Upper Florida, and Southeastern Florida marketing areas. The data are combined in order to mask the data for Upper Florida, which are restricted.

6/ In these marketing areas, milk was not pooled due to disadvantageous price situations and/or qualification circumstances. See "\*" on page 4.

7/ The data for these marketing areas are combined in order to mask restricted data. See table 1 for complete marketing area name.

8/ Class I and Class II receipts and utilization data are restricted for the Greater Kansas City-Eastern South Dakota area, and were restricted for the Iowa area from August through October 1997. These data are excluded from all market figures, where applicable.

#### FOOTNOTES FOR TABLES 12 THROUGH 19.

1/ In-area sales include total sales in each of the areas by handlers regulated under the respective order, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handlers' in-area sales are partially estimated.

2/ Plain, flavored, and miscellaneous whole milk products.

3/ Plain, fortified, flavored, and miscellaneous fat-reduced milk products, and buttermilk.

4/ Effective October 1, 1997, the order regulating this marketing area was terminated.

5/ Comparable markets are markets where the orders were in effect the entire period 1997-98, and for which the data were not affected significantly by marketing area changes. Excludes Tennessee Valley; see 4/.

6/ Excludes New York-New Jersey.

7/ Figures adjusted to eliminate variation in data due to calendar composition.

8/ See table 12 for marketing areas included; excludes Tennessee Valley.

9/ Total packaged disposition, in and out of the marketing area, by regulated handlers. Besides receipts from producers, these dispositions also may include receipts from other Federal order plants and/or receipts from other sources. However, sour cream, yogurt, and eggnog are reported on a used-to-produce basis.



10/ See table 12 for marketing areas included; excludes New York-New Jersey. Percent changes are based on the same groups of comparable markets; excludes Carolina, Tennessee Valley, Southeast, and Louisville-Lexington-Evansville. See 4/.

11/ Light, heavy, and sour cream, and cream dips.

12/ In addition to listed fluid milk and cream products, includes yogurt and eggnog.

13/ Includes producer milk and other source milk used to produce manufactured dairy products in regulated pool plants, as well as milk diverted and shipped to non-order plants for processing. Other source milk at regulated plants includes bulk transfers and diversions from other Federal orders, and receipts from unregulated sources. Some of the data are preliminary and partially estimated.

14/ See table 12 for marketing areas included; excludes New York-New Jersey. Percent changes are based on the same groups of comparable markets; excludes Carolina, Tennessee Valley, and Southeast. See 4/.

15/ In addition to listed manufactured products, includes milk, skim milk, and cream used in other manufactured dairy products, e.g., evaporated milk, condensed milk, dried products, aerated cream, and fat-free milk equivalent used to fortify fluid milk products; milk, skim milk, and cream used in other food products as well as used in animal feed, dumped or spilled, plant loss, and miscellaneous products.

16/ Percent changes over the previous year are based on the same group of comparable markets--markets where the orders were in effect the entire applicable two year period, and for which the data were not affected significantly by marketing area changes; excludes Black Hills. These changes are based on pounds of butterfat, except for nonfat dry milk which are based on pounds of fat-free milk.

17/ Restricted.

18/ The marketing areas in which milk was not pooled in October 1997 and 1998 due to disadvantageous price situations were in these regions. See 2/ on page 6.

19/ The marketing areas in which milk was not pooled in November 1997 and 1998 due to disadvantageous price situations were in these regions. See 2/ on page 6.

TABLE 20--PERCENTAGE OF WHOLE MILK EQUIVALENT (MILKFAT BASIS) USED IN THE PRODUCTION OF MANUFACTURED DAIRY PRODUCTS,  
IN FEDERAL ORDER MARKETS, JANUARY 1998 TO DATE, WITH COMPARISONS 1/

Manufactured dairy product	January		February		March		April		May		June	
	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997
	<u>Percent</u>											
Butter	23.9	24.9	22.4	30.2	20.9	21.1	20.5	21.3	17.1	18.0	16.0	14.1
Cheese	53.1	53.2	54.9	40.2	55.2	53.7	55.1	55.6	58.5	57.3	43.1	59.0
Frozen desserts	15.4	15.2	15.9	21.1	17.0	17.7	17.9	16.4	17.7	18.0	30.7	20.1
Cottage cheese	1.2	1.1	1.4	1.4	1.5	1.2	1.4	1.3	1.4	1.3	1.8	1.4
All other 2/	6.4	5.6	5.4	7.1	5.4	6.3	5.1	5.4	5.3	5.4	8.4	5.4
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	<u>Percent</u>											
Manufactured dairy product	July		August		September		October		November		December	
	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997
	<u>Percent</u>											
Butter	19.6	12.6	22.1	17.8	17.4	22.7	24.7	18.6	31.3	19.2		
Cheese	32.3	58.1	32.0	43.7	54.6	38.9	43.5	52.2	35.9	57.9		
Frozen desserts	36.5	21.9	33.8	28.8	19.5	28.0	21.7	20.5	21.1	15.2		
Cottage cheese	2.0	1.4	2.0	1.7	1.5	1.9	1.7	1.4	2.0	1.4		
All other 2/	9.6	6.0	10.1	8.0	7.0	8.5	8.4	7.3	9.7	6.3		
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

1/ Data represent whole milk equivalent based on milkfat content. Includes producer milk and other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some of the data are partially estimated. Excludes New York-New Jersey.

2/ Milk, skim milk, and cream used in other manufactured dairy products, e.g. evaporated milk, condensed milk, dried products, and aerated cream; and milk, skim milk, and cream used in other food products as well as used in animal feed, dumped or spilled, plant loss, and miscellaneous products.

TABLE 21--FEDERAL MILK ORDER MILK COMPONENT PRICES AND TESTS IN VARIOUS MARKETING AREAS, NOVEMBER AND DECEMBER 1/

Federal milk order marketing area	Weighted Average Differential Price		Butterfat Price		Producer Nonfat Milk Solids Price 2/		Producer Protein Price		Producer Nonfat Milk Solids/Other Solids Test 2/		Producer Protein Test	
	Nov	Dec	Nov	Dec	Nov	Dec	Nov	Dec	Nov	Dec	Nov	Dec
	Dol. per cwt.		Dol. per lb.		Percent							
Middle Atlantic	0.19	-0.07	1.8869	1.4480	1.1700	1.4099	---	---	8.78	8.76	---	---
Southern Michigan 3/ 4/	-0.39	-0.48	1.8861	1.4472	---	---	2.4178	2.4693	---	---	3.30	3.25
E. Ohio-W. Pa.	0.02	0.28	1.8900	1.4500	---	---	3.0700	3.7300	---	---	3.33	3.27
Ohio Valley	-0.15	0.16	1.8900	1.4500	---	---	3.0400	3.7000	---	---	3.36	3.31
Indiana	-0.30	-0.22	1.8900	1.4500	---	---	3.0500	3.7100	---	---	3.35	3.29
Chicago Regional 3/ 5/	-0.45	-0.32	1.8861	1.4472	0.4090	0.7556	2.4178	2.4693	5.47	5.49	3.28	3.23
Upper Midwest 3/ 5/	-0.48	-0.43	1.8861	1.4472	0.4090	0.7556	2.4178	2.4693	5.52	5.53	3.25	3.21
E. South Dakota 3/ 5/	-0.23	0.08	1.8861	1.4472	0.4090	0.7556	2.4178	2.4693	6/	6/	6/	6/
Iowa 3/ 5/	-0.48	-0.65	1.8861	1.4472	0.4090	0.7556	2.4178	2.4693	5.50	5.53	3.32	3.27
Nebr.-Western Iowa 3/ 5/	-0.74	-1.17	1.8861	1.4472	0.4090	0.7556	2.4178	2.4693	5.53	5.54	3.31	3.28
SW. Idaho-E. Oregon	-0.20	-0.08	1.8900	1.4500	---	---	3.0700	3.7100	---	---	3.40	3.32
Great Basin	-0.17	0.17	1.8900	1.4500	---	---	3.1000	3.7100	---	---	3.30	3.31
Pacific Northwest 3/	-0.44	-0.79	1.8861	1.4472	0.4053	0.7404	2.4178	2.4693	5.45	5.50	3.32	3.29

1/ The orders regulating these marketing areas require that producers be paid on the basis of the weighted average differential, the price per pound for butterfat, and either the price per pound for protein, protein and other solids, or nonfat milk solids. 2/ The Middle Atlantic order requires that producers be paid on the basis of nonfat milk solids. The Chicago Regional, Upper Midwest, Eastern South Dakota, Iowa, Nebraska-Western Iowa, and Pacific Northwest orders require that producers be paid on the basis of other solids. 3/ Instead of a weighted average differential price, this order calculates a producer price differential. 4/ For this order a fluid carrier price is determined. For November and December, these prices are \$2.42 and \$4.43 per hundredweight, respectively. 5/ The somatic cell adjustment rates per 1000 somatic cell count for this order for November and December are \$0.00092 and \$0.00094, respectively. 6/ Restricted.

TABLE 22--FACTORS USED IN THE COMPUTATION OF CLASS III-A PRICES IN FEDERAL MILK ORDER MARKETS,  
JANUARY 1998 TO DATE <sup>1/</sup>

Month	Butterfat Differential	Nonfat Dry Milk Price		Modified Yield Factor <sup>6/</sup>		Class III-A Price <sup>7/</sup>	
		Central States <sup>2/</sup> <sup>3/</sup>	Western <sup>4/</sup> <sup>5/</sup>	Central States <sup>2/</sup> <sup>3/</sup>	Western <sup>5/</sup>	Central States <sup>8/</sup> <sup>9/</sup>	Western <sup>8/</sup>
<u>1998</u>	Dollars per 0.1 percent butterfat	Dollars per pound		Pounds per hundredweight		-----Dollars per hundredweight-----	
January	0.114	1.0593	1.0443	8.62	8.62	12.04	11.91
February	0.140	1.0521	1.0418	8.62	8.62	12.89	12.80
March	0.135	1.0467	1.0367	8.62	8.61	12.67	12.57
April	0.142	1.0426	1.0328	8.61	8.61	12.88	12.79
May	0.175	1.0348	1.0315	8.61	8.61	13.96	13.93
June	0.217	1.0289	1.0275	8.61	8.61	15.38	15.37
July	0.223	1.0297	1.0324	8.61	8.61	15.59	15.62
August	0.245	1.0463	1.0550	8.62	8.62	16.52	16.59
September	0.325	1.1007	1.1063	8.64	8.64	19.81	19.85
October	0.273	1.1180	1.1158	8.64	8.64	18.13	18.12
November	0.178	1.1250	1.1168	8.64	8.64	14.87	14.80
December	0.132	1.1490	1.1106	8.65	8.64	13.48	13.14

<sup>1/</sup> This pricing provision is currently in effect in 21 marketing areas. See table 2 in this report for the affected marketing areas. This price is applicable to producer milk used to produce nonfat dry milk.

<sup>2/</sup> "Dairy Market News," AMS.

<sup>3/</sup> This price series is used in the computation of the modified yield factor and Class III-A Prices in all but 3 of the 21 affected marketing areas. See <sup>1/</sup>.

<sup>4/</sup> This price is determined by AMS from combining price series published in "Dairy Market News".

<sup>5/</sup> This price series is used in the computation of the modified yield factor and Class III-A Prices in the western marketing areas. See <sup>1/</sup>.

<sup>6/</sup> 9 less (0.4 divided by the applicable nonfat dry milk price).

<sup>7/</sup> (Butterfat differential times 35) plus [(applicable nonfat dry milk price less 12.5 cents) times the applicable modified yield factor].

<sup>8/</sup> See table 2 to find the marketing areas that use this nonfat dry milk price series.

<sup>9/</sup> New England, New York-New Jersey, and Middle Atlantic also use a seasonal adjustment in the computation of Class III-A prices.



TABLE 23--PRODUCER DELIVERIES OF MILK USED IN CLASS III-A BY HANDLERS REGULATED UNDER FEDERAL ORDERS, BY SELECTED FEDERAL MILK ORDER MARKETING AREA AND REGION, JANUARY 1998 TO DATE

Federal milk order marketing area 1//Region	January 1998	February 1998	March 1998	April 1998	May 1998	June 1998	July 1998
	-----Thousand pounds-----						
New England	71,335	67,776	65,778	71,257	64,978	61,715	21,470
New York-New Jersey	35,773	35,583	35,764	42,150	28,495	28,100	18,717
Southeast	15,386	25,924	32,271	35,376	25,038	1,065	549
East 2/	212,964	246,767	270,380	300,339	242,588	178,195	76,713
Southern Michigan	24,506	22,846	24,415	33,854	38,369	30,751	26,731
Indiana	6,492	8,410	6,283	12,664	10,158	853	322
Chicago Regional	6,665	6,993	1,008	2,864	1,609	0	0
Upper Midwest	23,694	21,125	12,394	2,031	5,544	1,971	284
Midwest 3/	124,325	125,510	104,581	138,893	77,141	36,619	27,708
West 4/	208,046	234,307	295,516	324,191	326,068	200,223	171,286
All Market Total	545,335	606,584	670,477	763,423	645,797	415,037	275,707
Federal milk order marketing area 1//Region	August 1998	September 1998	October 1998	November 1998	December 1998	Year to date 1998	Year to date 1997
	-----Thousand pounds-----						
New England	43,810	36,728	38,694	42,297	59,842	645,680	653,869
New York-New Jersey	16,527	11,120	8,801	9,646	35,012	305,688	343,973
Southeast	0	0	1,272	850	12,891	150,622	249,501
East 2/	89,308	64,255	64,918	89,578	202,493	2,038,498	2,442,989
Southern Michigan	2,670	741	0	8,392	48,480	261,755	269,759
Indiana	0	129	0	1,287	15,727	62,325	67,086
Chicago Regional	0	0	591	1,934	20,743	42,407	44,102
Upper Midwest	101	0	0	10,542	23,308	100,997	99,020
Midwest 3/	3,082	1,367	2,153	68,155	187,006	896,540	992,259
West 4/	139,270	145,313	150,006	156,485	255,226	2,605,937	2,740,064
All Market Total	231,660	210,935	217,977	311,218	644,725	5,540,975	6,175,312

1/ The marketing areas shown are the marketing areas for which the data is available and unrestricted.

2/ The marketing areas included in this region are shown on table 2 under the North Atlantic and Southeastern regions.

3/ The marketing areas included in this region are shown on table 2 under the East North Central and West North Central regions.

4/ The marketing areas included in this region are shown on table 2 under the West South Central, Mountain, and Pacific regions.

TABLE 24--FACTORS USED IN THE DETERMINATION OF THE BASIC FORMULA PRICE, JANUARY 1998 TO DATE

Basic Formula Price for the Month	Dairy Product Wholesale Prices							Production in Minnesota and Wisconsin 3/		Base Month Price Information 4/			
	Butter 1/  Chicago Mercantile Exchange	Grade A 5/	Cheddar Cheese	Nonfat Dry Milk 1/	Dried Butter- milk 1/	Western Area	30% Minimum Protein	Western Area	Nonfat Dry Milk	Price at Test	Butter- fat Test	Protein Test	Solids Not Fat Test
-----Dollars per pound-----													
---Thousand pounds---													
Dol. Per cwt.													
-----Percent-----													
Jan.	1.1932	1.1061	1.4165	1.0390	0.8840			122,253	1,726	13.81	3.94	3.27	8.64
Feb.	1.3918	1.2963	1.4163	1.0368	0.9146			127,240	1,907	13.70	3.89	3.24	8.64
Mar.	1.3452	1.2505	1.3793	1.0309	0.9163			115,178	2,157	13.67	3.85	3.20	8.62
Apr.	1.3788	1.2856	1.3072	1.0256	0.9212			125,844	1,831	13.17	3.85	3.18	8.60
May	1.5465	1.4945	1.2034	1.0223	0.9200			129,081	2,089	12.25	3.80	3.13	8.58
June	1.8618	1.8468	1.4038	1.0200	0.9200			128,340	2,263	11.35	3.67	3.14	8.59
July	2.0085	1.9185	1.5656	1.0238	0.9298			127,804	1,475	13.47	3.64	3.13	8.58
Aug	2.1730	2.0830	1.6320	1.0425	0.9574			126,539	1,015	14.40	3.55	3.05	8.47
Sept.	2.7566	2.6666	1.6556	1.0944	0.9914			119,060	1,361	14.91	3.59	3.09	8.48
Oct.	2.4089	2.3189	1.7534	1.1131	1.0100			107,735	849	15.76	3.68	3.20	8.58
Nov.	1.7447	1.6547	1.8317	1.1100	0.9961			115,610	881	17.41	3.92	3.32	8.70
Dec.	1.4131	1.3231	1.8707	1.1009	0.9182			120,305	1,584	17.91	3.98	3.34	8.71
Av.	1.7685	1.6871	1.5363	1.0549	0.9399			---	---	14.32	3.78	3.19	8.60

<sup>1/</sup> "Dairy Market News," AMS. <sup>2/</sup> A monthly average price is determined by AMS by volume weighting the weekly prices. <sup>3/</sup> The production in the States of Minnesota and Wisconsin combined for the prior month as first published in "Dairy Products," NASS. <sup>4/</sup> The price paid to producers for manufacturing grade milk by plants in Minnesota and Wisconsin for the prior month as surveyed by NASS. <sup>5/</sup> Effective June 26, 1998, the Chicago Mercantile Exchange discontinued trading on Grade A butter. The Secretary of Agriculture has determined that the Chicago Mercantile Exchange Grade AA butter price less nine cents is equivalent to the discontinued Grade A price, effective June 26. See "Summary of Federal Milk Order Actions, June 1998, Revised" in FMOS-427.

TABLE 25--BASIC FORMULA PRICE, AND RELATED INFORMATION, JANUARY 1998 TO DATE

Month	Applicable Base Month Price at 3.5% <u>1/</u>	Change in Product Price Formula <u>2/</u>	Basic Formula Price <u>3/</u>	Basic Formula Price at Test for Determining		Basic Formula Price: Milk Component Contents			Butterfat Differential <u>6/</u>
				Butterfat Differential <u>4/</u>	Component Pricing <u>5/</u>	Butterfat	Protein	Solids Not Fat	
----- Dollars per 100 pounds -----				----- Percent -----					Cents per 0.1 percent butterfat
Jan.	13.27	- 0.02	13.25	13.79	13.69	3.89	3.23	8.62	11.4
Feb.	13.26	+0.06	13.32	13.76	13.81	3.85	3.21	8.61	14.0
Mar.	13.18	- 0.37	12.81	13.30	13.27	3.84	3.18	8.61	13.5
Apr.	12.70	- 0.69	12.01	12.48	12.48	3.83	3.15	8.59	14.2
May	11.82	- 0.94	10.88	11.31	11.28	3.73	3.15	8.60	17.5
June	11.05	2.05	13.10	13.40	13.25	3.57	3.13	8.59	21.7
July	13.17	1.60	14.77	15.07	15.02	3.61	3.07	8.50	22.3
Aug.	14.29	0.70	14.99	15.10	15.16	3.57	3.09	8.46	24.5
Sept.	14.69	0.41	15.10	15.32	15.85	3.73	3.20	8.56	32.5
Oct.	15.18	0.86	16.04	16.62	16.91	3.82	3.29	8.67	27.3
Nov.	16.26	0.58	16.84	17.99	17.69	3.98	3.30	8.69	17.8
Dec.	17.06	0.28	17.34	18.19	17.93	3.95	3.30	8.68	13.2
Average	13.83	0.37	14.20	14.69	14.70	3.78	3.19	8.60	19.2

1/ The applicable base month is the month prior to the month for which the Basic Formula Price (BFP) is announced.

2/ The change in the gross value of milk between the base month and the BFP month as determined by using various product prices, yield factors, and weighting by American cheese and nonfat dry milk production in Minnesota and Wisconsin.

3/ The BFP is the applicable base month price at 3.5% updated by the change in the product price formula. The BFP establishes minimum prices under all Federal milk orders.

4/ This price is determined by adjusting the applicable base month price at test by the change in the product price formula.

5/ This price is determined by adjusting the BFP at 3.5% to the BFP estimated butterfat percent using the current month butterfat differential. This price is used to determine the other solids price in Federal orders that use component pricing.

6/ The differential is determined by the following formula: (.138 X Chicago Mercantile Exchange Grade A butter price) - (.0028 X Basic Formula Price at test for determining the butterfat differential).

TABLE 26--UNITED STATES MILK PRICES AND SELECTED DAIRY FARM PRICE MEASURES,  
JANUARY 1998 TO DATE, WITH COMPARISONS

Month	U.S. Milk Prices, 3.5 Percent Butterfat Basis <u>1/</u> Dollars per 100 pounds					
	All Milk Wholesale		Milk Eligible for Fluid Market		Manufacturing Grade Milk	
	1998	Percent change from 1997	1998	Percent change from 1997	1998	Percent change from 1997
Jan.	14.38	8.4	14.38	8.2	13.07	11.1
Feb.	14.38	9.3	14.48	9.1	13.04	7.5
Mar.	14.10	5.4	14.20	6.0	12.48	3.7
Apr.	13.79	5.7	13.79	5.6	11.72	3.4
May	13.06	3.7	13.16	3.5	11.04	3.2
June	13.89	14.4	13.89	13.2	12.74	19.2
July	14.06	16.4	14.08	15.5	13.89	29.7
Aug.	15.33	21.1	15.45	20.9	14.40	22.3
Sept.	16.34	25.8	16.47	26.5	14.85	19.2
Oct.	17.03	23.6	17.05	23.6	15.66	23.8
Nov.	17.38	22.4	17.38	22.2	16.50	28.9
Dec.	17.63	23.5	17.63	22.2	16.82	31.1
Average	15.11	15.0	15.16	14.7	13.85	16.9

Month	Dairy Farm Price Measures: U.S. Averages <u>2/</u>							
	Milk Cows <u>3/ 4/</u>		Alfalfa Hay Baled <u>5/</u>		Cows <u>6/</u>		Milk-Feed Price Ratio <u>7/</u>	
	1998	Percent change from 1997	1998	Percent change from 1997	1998	Percent change from 1997	1998	Percent change from 1997
	<u>\$ per head</u>		<u>\$ per ton</u>		<u>\$ per cwt.</u>		<u>Pounds</u>	
Jan.	1,070	-1.8	105.00	1.0	34.50	15.0	2.77	14.5
Feb.	---	---	106.00	-6.2	36.00	8.1	2.74	16.6
Mar.	---	---	104.00	-10.3	36.00	-2.4	2.72	19.8
Apr.	1,110	0	105.00	-12.5	36.20	-5.2	2.70	25.0
May	---	---	108.00	-3.6	36.40	-4.7	2.55	18.1
June	---	---	96.50	-16.1	36.10	-3.7	2.87	36.0
July	1,120	1.8	93.40	-11.9	34.70	-9.2	2.98	32.4
Aug.	---	---	90.50	-13.8	34.20	-6.0	3.57	51.9
Sept.	---	---	89.10	-15.9	32.60	-5.2	3.96	62.3
Oct.	1,180	8.3	88.10	-16.9	30.50	-7.9	4.15	57.8
Nov.	---	---	85.00	-20.6	29.70	-6.9	4.24	55.3
Dec.	---	---	81.40	-20.2	30.80	-6.7	4.27	52.5
Average	1,120	2.1	96.00	-12.3	33.70	-3.2	3.29	36.8

1/ Based on prices at test as reported in "Agricultural Prices," National Agricultural Statistics Service (NASS); converted to a 3.5 percent test by using the butterfat differential specified in Federal milk orders for conversion of the blend prices that vary from 3.5 percent. 2/ "Agricultural Prices," NASS. 3/ Animals sold for dairy herd replacement only. 4/ Figures are published for January, April, July, and October only. 5/ Mid-month price. 6/ Includes beef cows and cull dairy cows sold for slaughter, but not dairy cows for herd replacement. 7/ Pounds of 16 percent mixed dairy feed equal in value to 1 pound of milk sold to plants. The methodology utilizes major raw feed component prices from the NASS agricultural commodity prices published monthly.



TABLE 27--UNITED STATES GENERAL PRICE MEASURES, JANUARY 1998 TO DATE, WITH COMPARISONS

Month	General price measures 1/								
	Index of prices paid by farmers 2/		Index of prices received by farmers						Parity Ratio 3/
			All farm products		Livestock & Products		Dairy Products		
	1998	Percent change from 1997	1998	Percent change from 1997	1998	Percent change from 1997	1998	Percent change from 1997	
	Indexes 1990-92 = 100								
Jan.	117	0.9	103	-3.7	94	-4.1	113	9.7	88
Feb.	117	0.9	101	-3.8	94	-4.1	113	9.7	86
Mar.	116	-0.9	102	-5.6	95	-4.0	110	5.8	88
Apr.	116	-0.9	104	-1.9	95	-4.0	107	5.9	90
May	116	-1.7	103	-4.6	95	-5.0	101	4.1	89
June	115	-1.7	102	-4.7	98	1.0	107	15.1	89
July	115	-1.7	102	-4.7	96	-3.0	108	16.1	89
Aug.	114	-2.6	101	-6.5	98	-1.0	118	21.6	89
Sep.	113	-3.4	99	-7.5	97	-2.0	127	27.0	88
Oct.	114	-2.6	99	-7.5	98	1.0	135	25.0	87
Nov.	114	-2.6	100	-6.5	97	-1.0	137	21.2	88
Dec.	113	-3.4	99	-5.7	97	0	138	22.1	88
Average	115	-1.7	100	-5.6	96	-2.0	118	15.7	88

Month	General price measures 4/											
	Producer price index				Consumer price index							
	All commodities		Dairy products		All items		Food		Dairy products		Meat, poultry, fish and eggs	
	1998	Percent change from 1997	1998	Percent change from 1997	1998	Percent change from 1997	1998	Percent change from 1997	1998	Percent change from 1997	1998	Percent change from 1997
<u>Indexes 1982=100</u>						<u>Indexes 1982-1984=100</u>						
Jan.	125.5	-3.2	129.9	0.8	161.6	1.6	159.9	2.2	148.3	0.3	148.3	-0.9
Feb.	125.1	-2.6	133.5	4.9	161.9	1.4	159.4	1.9	147.7	1.0	147.3	-0.9
Mar.	124.5	-2.2	132.2	3.0	162.2	1.4	156.7	2.0	148.4	1.6	147.2	-0.4
Apr.	124.7	-2.0	131.5	2.9	162.5	1.4	159.8	2.0	148.5	1.9	146.3	-0.9
May	124.9	-1.9	131.5	4.9	162.8	1.7	160.3	2.4	148.1	1.9	146.2	-1.0
June	124.8	-1.9	132.8	6.0	163.0	1.7	160.1	2.2	148.1	2.8	146.3	-1.1
July	124.8	-1.7	135.3	8.7	163.2	1.7	160.5	2.2	148.2	3.4	146.9	-0.9
Aug.	124.2	-2.4	139.4	10.6	163.4	1.6	161.0	2.2	150.5	5.0	148.2	-0.6
Sept.	123.9	-2.8	145.1	14.2	163.6	1.5	161.1	2.0	152.9	6.6	147.5	-1.1
Oct.	124.0	-3.0	148.0	13.5	164.0	1.5	162.0	2.4	155.0	6.4	148.0	-0.6
Nov.	123.5	-3.4	148.6	10.9	164.0	1.5	162.1	2.3	155.9	6.1	147.9	-0.9
Dec.	122.7	-3.2	148.5	10.8	163.9	1.6	162.3	2.3	157.6	6.6	147.3	-0.7
Av.	124.4	-2.5	138.0	7.6	163.0	1.6	160.4	2.2	150.8	3.6	147.3	-0.8

1/ "Agricultural Prices," NASS. 2/ For commodities and services, interest, taxes, and wage rates. The index is published for January, April, July, and October only. 3/ Ratio of the Index of Prices Received by farmers, all farm products, to the most recent Index of Prices Paid, Interest, Taxes, and Farm Wage Rates. See 2/. 4/ "Producer Price Index," Bureau of Labor Statistics, U.S. Department of Labor, (BLS), as first reported. "Consumer Price Index," BLS, consumer price index for all urban consumers (CPI-U), not seasonally adjusted.

TABLE 28--CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS: SELECTED PRODUCTS, UNITED STATES CITY AVERAGE, JANUARY 1998 TO DATE, WITH COMPARISONS 1/

Month	Fresh whole milk		Cheese		Butter		Ice cream and related products	
	Index	Percent change from 1997	Index	Percent change from 1997	Index	Percent change from 1997	Index	Percent change from 1997
Indexes 1982-1984 = 100								
Jan.	145.6	-0.7	148.5	-0.5	124.7	13.2	153.5	1.1
Feb.	146.3	1.6	148.3	-0.3	126.2	16.1	150.8	-0.5
Mar.	147.0	2.2	150.1	1.4	129.4	12.9	150.0	-0.9
Apr.	146.3	2.6	149.9	1.1	125.0	7.9	152.4	0.9
May	145.6	2.2	149.4	1.1	127.5	14.1	150.9	0.1
June	144.4	2.0	148.9	1.2	133.8	23.1	153.2	2.8
July	143.5	2.7	151.2	2.9	152.1	35.4	153.1	3.0
Aug.	147.6	6.0	152.7	4.0	160.1	39.2	155.2	4.0
Sep.	150.8	8.5	154.1	4.6	176.5	55.0	157.9	4.9
Oct.	150.9	5.0	156.8	7.0	194.2	69.6	162.3	7.5
Nov.	151.9	4.1	158.2	7.4	187.0	51.5	163.9	9.0
Dec.	155.2	6.4	159.0	7.2	168.9	31.7	162.8	7.2

1/ "CPI Detailed Report," BLS. The Consumer Price Index for All Urban Consumers (CPI-U) covers approximately 80 percent of the total noninstitutional civilian population of the United States and is based on data for 85 urban areas.

TABLE 29--USDA PURCHASES (DELIVERY BASIS), AND DAIRY EXPORT INCENTIVE PROGRAM (DEIP) BID ACCEPTANCES, JANUARY 1998 TO DATE

Month	USDA Purchases (Delivery Basis) <u>1/</u>						DEIP Bid Acceptances <u>2/</u>			
	Butter <u>3/</u>	Cheese			Nonfat Dry Milk <u>5/</u>	Whole Milk Powder	Butter <u>6/</u>	Cheese <u>7/</u>	Nonfat Dry Milk	Whole Milk Powder
		Cheddar <u>4/</u>	Mozz- arella	Process						
	----- <u>1,000 pounds</u> -----						----- <u>Metric tons 8/</u> -----			
Jan.	0	1,020	1,814	6,454	14,276	0	0	0	2,414	383
Feb.	0	1,093	1,492	5,661	10,674	0	0	0	2,010	1,226
Mar.	328	585	2,661	3,564	10,929	0	20	155	4,993	0
Apr.	0	469	726	2,257	13,694	705	18	300	2,890	0
May	0	398	524	1,782	26,719	1,102	0	158	3,070	0
June	0	433	1,210	2,020	22,080	3,042	0	0	357	0
July	0	1,952	1,572	4,079	14,319	0	0	518	21,948	1,880
Aug.	0	3,007	2,379	5,029	1,162	7,463	0	592	9,623	0
Sept.	0	2,990	4,072	7,880	0	0	0	115	1 005	200
Oct.	0	1,209	1,774	5,960	103	0	0	450	1,891	0
Nov	0	908	1,452	4,653	0	0	0	284	20,065	0
Dec.	0	1,493	3,830	5,385	0	0	0	665	11,052	500
Year to date 1998	328	15,557	23,506	54,724	113,956	12,312	38	3,237	81,318	4,189

1/ Farm Service Agency. Includes price support purchases and market price purchases for the Food and Consumer Service. 2/ Foreign Agricultural Service. 3/ Bulk and packaged. 4/ Block, barrel, and print. 5/ Nonfortified and fortified. 6/ Includes butter, butteroil, and anhydrous milkfat. 7/ Includes Cheddar, Gouda, Mozzarella, Processed, and Cream Cheese. 8/ A metric ton equals 2,204.6 pounds.

TABLE 30--U.S. PRODUCTION, MILK AND SELECTED MANUFACTURED DAIRY PRODUCTS,  
JANUARY 1998 TO DATE, WITH COMPARISONS

Month	Milk <u>1/</u>		Butter <u>2/</u>		Total Cheese <u>2/</u>		Nonfat Dry Milk <u>2/</u>		Frozen Products <u>2/</u>	
	1998	Percent change from 1997	1998	Percent change from 1997	1998	Percent change from 1997	1998	Percent change from 1997	1998	Percent change from 1997
	<u>Bil. lbs.</u>		<u>Mil. lbs.</u>		<u>Mil. lbs.</u>		<u>Mil. lbs.</u>		<u>Mil. gal.</u>	
Jan.	13.3	1.2	113.5	-11.0	615.7	2.9	103.7	2.8	92.1	-5.0
Feb.	12.2	0.4	102.7	-5.5	574.2	-0.5	97.0	4.3	100.7	-4.8
Mar.	13.7	0	100.8	-4.4	645.2	1.1	107.3	-5.9	119.8	-3.8
Apr.	13.5	0.8	103.0	-12.9	641.3	7.2	120.4	-5.8	126.7	0.2
May	14.0	0.8	92.9	-9.5	653.1	1.7	121.3	-8.6	130.0	-4.2
June	13.3	-0.6	72.6	-11.4	641.1	2.9	104.2	-13.2	143.9	-0.3
July	13.2	-1.2	67.1	-16.1	612.5	-0.1	90.2	-19.2	146.3	-0.3
Aug.	12.9	-0.9	61.5	-10.6	596.0	-0.1	72.5	-19.6	132.8	1.8
Sept.	12.4	-0.1	67.1	-15.4	579.9	-4.0	59.9	-22.5	123.8	8.2
Oct.	13.0	1.1	83.2	-0.1	621.2	0.9	70.0	-3.5	103.6	-5.0
Nov.	12.6	2.0	87.2	-2.2	634.8	6.8	70.0	-7.0	84.6	-3.7
Dec.	13.4	3.0	101.7	-4.1	667.6	6.3	104.7	-2.6	90.0	2.8
Total <u>3/</u>	157.4	0.5	1,053.4	-8.5	7,482.7	2.1	1,121.3	-7.9	1,394.4	-1.1

1/ "Milk Production," NASS. Monthly milk production is collected only for 20 selected States. NASS collects total U.S. production on a quarterly basis only. NASS estimates total U.S. monthly production based on the pattern in production in the 20 survey States. 2/ "Dairy Products," NASS. Frozen products include ice cream, lowfat ice cream, nonfat ice cream, sherbet, and frozen yogurt. 3/ The sum of the monthly figures may not add up to the total due to rounding.

TABLE 31--COMMERCIAL AND GOVERNMENT STORAGE HOLDINGS, JANUARY 1998 TO DATE

Month	Storage Holdings <u>1/</u>										
	Butter <u>2/</u>			All natural cheese <u>2/ 3/</u>			Natural American <u>6/</u>	Swiss cheese	Nonfat Dry Milk		
	Total <u>4/</u>	Government owned	Commer- cial	Total <u>4/</u>	Government owned <u>5/</u>	Commer- cial			Total <u>4/</u>	Government owned <u>7/</u>	Commer- cial <u>8/</u>
	<u>Million pounds</u>										
Jan.	34.2	0.2	34.0	509.4	0.1	509.3	407.0	14.4	128.1	24.0	104.1
Feb.	44.2	0.1	44.1	521.7	0.2	521.5	410.7	15.4	131.4	26.1	105.3
Mar.	55.9	0.3	55.7	533.3	0.2	533.1	422.0	13.6	128.9	36.2	92.7
Apr.	67.4	0.4	67.0	557.8	0.2	557.6	439.8	12.6	161.2	48.0	113.1
May	72.7	0.3	72.4	568.7	0.2	568.5	443.7	11.3	186.8	54.8	132.0
June	60.6	0.3	60.3	583.8	0.1	583.7	450.2	11.5	200.9	68.9	129.3
July	51.0	0.3	50.7	596.1	0.3	595.8	461.1	10.8	203.3	91.0	112.3
Aug.	41.5	0.2	41.3	577.0	0.2	576.8	441.6	11.6	185.6	107.5	78.1
Sept.	34.1	0.2	33.9	553.2	0.2	553.0	417.5	12.7	176.9	112.5	64.4
Oct.	31.2	*	31.2	522.9	0.2	522.7	394.7	12.4	156.1	108.9	47.2
Nov.	28.7	*	28.7	494.5	*	494.4	388.5	11.9	138.9	97.3	41.6
Dec.	25.9	*	25.9	517.2	0.1	517.1	407.7	11.8	151.4	95.2	56.2

\* Less than 50,000 pounds. 1/ End of month. 2/ "Cold Storage," NASS. 3/ Includes American, Swiss, and Other Natural Cheese. 4/ May not add due to rounding. 5/ Represents natural American cheese only and does not include Government holdings of processed cheese. 6/ Includes Government stocks. 7/ "Summary of Processed Commodities in Store," FSA. 8/ "Dairy Products," NASS.

Special Articles Published in the 1998 Monthly Summaries of  
"Federal Milk Order Market Statistics"

FMOS - 424, January and February

How Federal Milk Order Market Statistics Are Developed and What They Mean.  
This article describes Federal milk order terms and statistics, and discusses why Federal milk order statistics are collected and published.

FMOS - 425, March and April

Federal Milk Order Market Administrators Budgets, 1997 and 1998. For each market administrator, budgets representing estimated expenditures, by type of expense and estimated income, and by type of fund, are shown.



Summary of Federal Milk Order Actions, November 1998

There were no final actions effective during this period.

Summary of Federal Milk Order Actions, December 1998

Termination:

Nebraska-Western Iowa - December 1 (63 FR 70994, 12/23/98). This action terminates the advertising and promotion provisions of this order with respect to milk marketed on or after December 1, 1998.

STOP 0232

**United States  
Department of  
Agriculture**



**Marketing and Regulatory Programs**

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